JVC

DVD RECEIVER WITH MONITOR
RECEPTOR DVD CON MONITOR
RÉCEPTEUR DVD ET MONITEUR

KW-AVX848/KW-AVX840

ENGLISH
ESPAÑOL
FRANÇAIS

Detachable

DVD VIDEO

DOLBY DIGITAL

COMPACT disc DIGITAL VIDEO

Amplifier Power Standard CEA CEA-2006 Compliant

Made for iPod iPhone

DIVX™

SAT RADIO READY

Only for KW-AVX840
Sólo para KW-AVX840
Uniquement pour le KW-AVX840

Bluetooth®

For canceling the display demonstration, see page 7.
Para cancelar la demonstración en pantalla, consulte la página 7.
Pour annuler la démonstration des affichages, référez-vous à la page 7.

For installation and connections, refer to the separate manual.
Para la instalación y las conexiones, refiérase al manual separado.
Pour l'installation et les raccordements, se référer au manuel séparé.

For customer Use:
Enter below the Model No. and Serial No. which are located on the top or bottom of the cabinet. Retain this information for future reference.

Model No. _____
Serial No. _____

INSTRUCTIONS
MANUAL DE INSTRUCCIONES
MANUEL D'INSTRUCTIONS

LVT2180-001A
[J/JW]

ENGLISH

Thank you for purchasing a JVC product.
Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.

CAUTION	ATTENTION	AVISO	VARNING	注意	CAUTION
VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG)	RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA)	RADIACIÓN LÁSER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTÁ ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL ÓPTICO. (ESP)	SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING, KLASS 1M, NÄR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE)	ここを開くと可視及び/または不可視のクラス1Mレーザー放射が出ます。光学装置で直接見ないでください。 (JPN)	VISIBLE AND/OR INVISIBLE CLASS II LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG)

3. **CAUTION:** (For U.S.A.) Visible and/or invisible class II laser radiation when open. Do not stare into beam.
   (For Canada) Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.
4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED OUTSIDE THE UNIT.

INFORMATION (For U.S.A.)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

Caution:

Changes or modifications not approved by JVC could void the user's authority to operate the equipment.

WARNINGS: (To prevent accidents and damage)

- DO NOT install any unit or wire any cable in a location where;
  – it may obstruct the steering wheel and gearshift lever operations.
  – it may obstruct the operation of safety devices such as air bags.
  – it may obstruct visibility.
- DO NOT operate the unit while driving.
  If you need to operate the unit while driving, be sure to look around carefully.
- The driver must not watch the monitor while driving.
- The driver must not put on the headphones while driving.
- Excessive sound pressure from earphones or headphones can cause hearing loss when you listen through earphones or headphones playing the rear source.

[European Union only]

Cautions on the monitor:

- The monitor built in this unit has been produced with high precision, but it may have some ineffective dots. This is inevitable and is not considered defective.
- Do not expose the monitor to direct sunlight.
- Do not operate the touch panel using a ball-point pen or similar tool with the sharp tip.
  Touch the buttons on the touch panel with your finger directly (if you are wearing a glove, take it off).
- When the temperature is very cold or very hot...
  – Chemical changes occur inside, causing malfunction.
  – Pictures may not appear clearly or may move slowly. Pictures may not be synchronized with the sound or picture quality may decline in such environments.

For safety...

- Do not raise the volume level too much, as this will make driving dangerous by blocking outside sounds, and may cause hearing loss.
- Stop the car before performing any complicated operations.

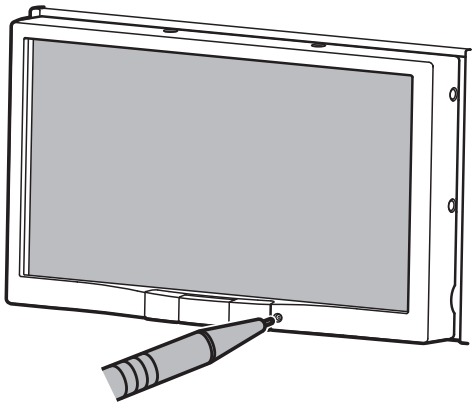
Temperature inside the car...

If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit.

Caution

This product has a fluorescent lamp that contains mercury. Disposal of these materials may be regulated in your community due to environmental considerations. For disposal or recycling information, please contact your local authorities or for USA, the Electronic Industries Alliance: <http://www.eiae.org.>

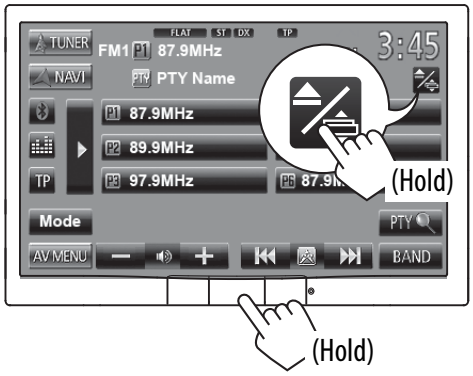
How to reset your unit

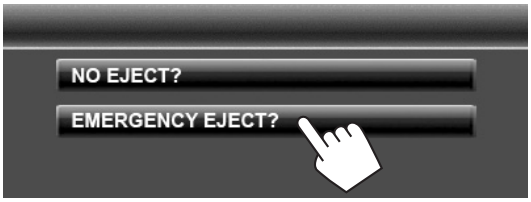


- *Your preset adjustments will also be erased (except the registered Bluetooth devices).*

How to forcibly eject a disc

On the monitor panel and the source control screen:





- *Be careful not to drop the disc when it ejects.*
- *If this does not work, reset your unit. (☞ above)*

How to read this manual:

- Illustrations of KW-AVX840 are mainly used for explanation.
- This manual mainly explains operations using the buttons on the monitor panel and touch panel. For operations using the remote controller (RM-RK252: supplied only for KW-AVX848), ☞ page 58.
- < > indicates the variable screens/menus/operations/settings that appear on the touch panel.
- [ ] indicates the buttons on the touch panel.
- **Indication language:** English indications are used for the purpose of explanation. You can select the indication language from the <**Settings**> menu. (☞ page 47)

ENGLISH

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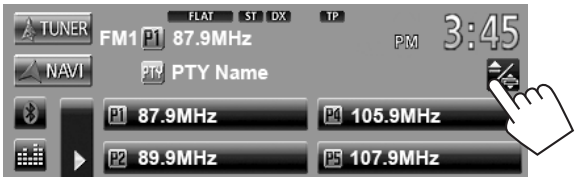
Detaching/attaching the monitor panel

Cautions

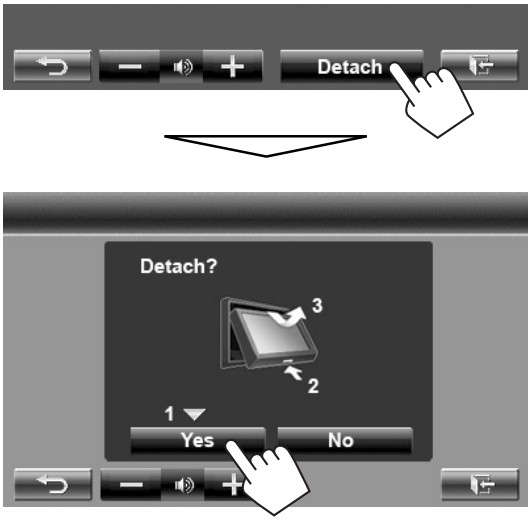
- Hold the monitor panel securely so as not to drop it accidentally.
- Fit the monitor panel onto the attaching plate until it is firmly locked.

Detaching

1 On the source control screen:



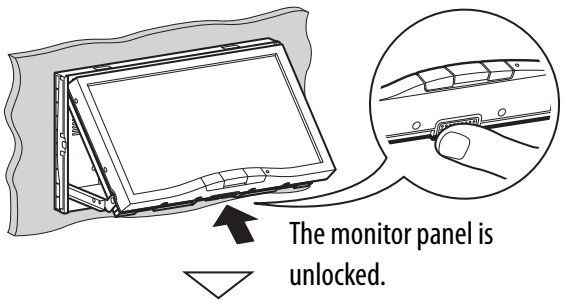
2



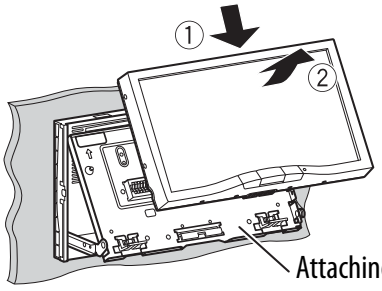
The monitor panel opens by about 50°.

- It closes automatically when no operation is done for about 60 seconds.
  Remove the monitor panel before this happens.

3

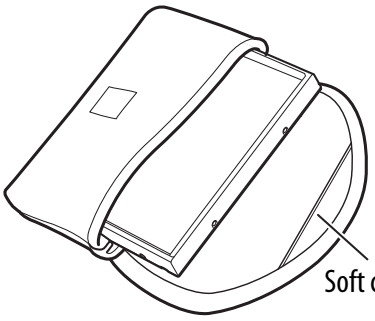


The monitor panel is unlocked.

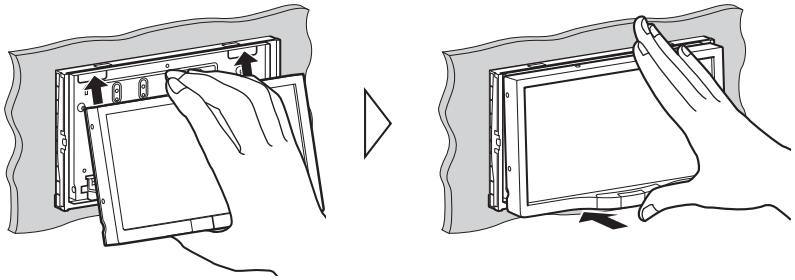


- The attaching plate closes automatically about 10 seconds after the monitor panel is unlocked.

4



Attaching



Initial Settings

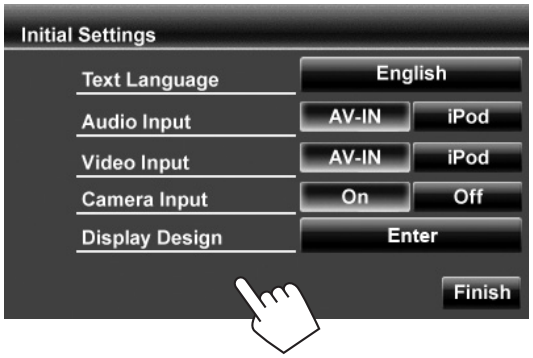
When you power on the unit for the first time or reset the unit, the initial setting screen appears.

- You can also change the settings on the <**Settings**> screen. (☞ page 44)

1 Turn on the ignition switch.

The power is turned on, and the initial setting screen appears.

2



Text Language	Select the text language used for on-screen information. (☞ page 47)
Audio Input	Select the use of the LINE IN jacks. (☞ page 46)
Video Input	Select the use of the VIDEO IN jack. (☞ page 46)
Camera Input	Select <**On**> when connecting the rear view camera. (☞ page 46)
Display Design	Select the background and the colors of the text and the touch panel buttons. (☞ page 39)

3 Finish the procedure.

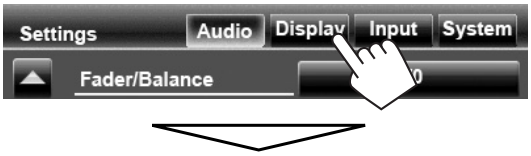
Canceling the display demonstration and setting the clock

Canceling the display demonstration

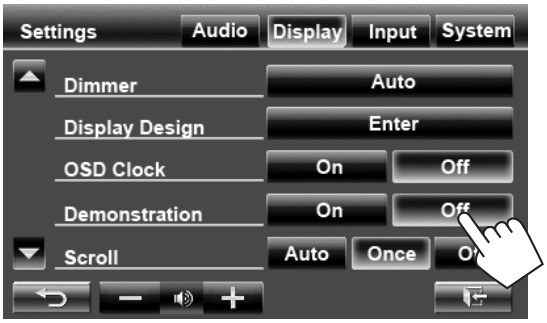
1 **Display <AV Menu> screen.**

2 **Display <Settings> screen.**

3



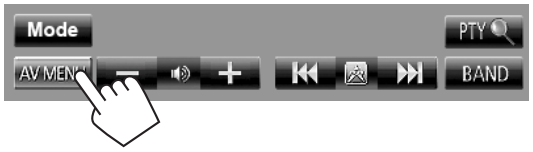
Select <**Off**>.



4 **Finish the procedure.**

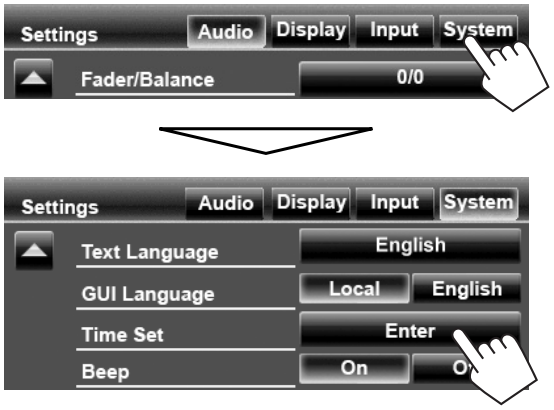
Setting the clock

1 **Display <AV Menu> screen.**



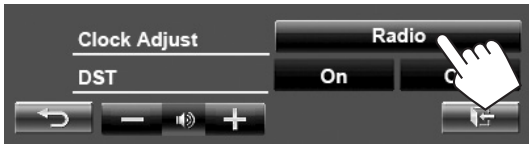
2 **Display <Settings> screen.**

3

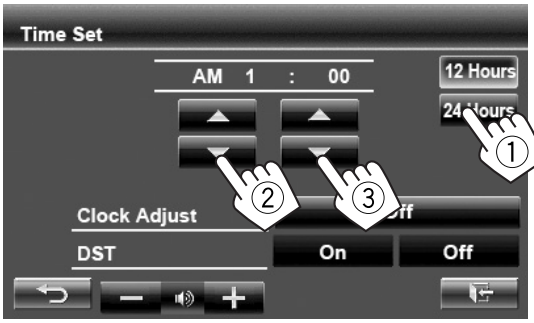


ENGLISH

4 Set the clock time.



<**Off**>	Sets the clock manually. (☞ below)
<**Radio**>	Synchronizes the clock time with FM RBDS.
<**Alaska**>, <**Pacific**>, <**Mountain**>, <**Central**>, <**Eastern**>, <**Atlantic**>, or <**Newfoundland**>*	Synchronizes the clock time data from the SIRIUS satellite radio channel. Select your residential area.

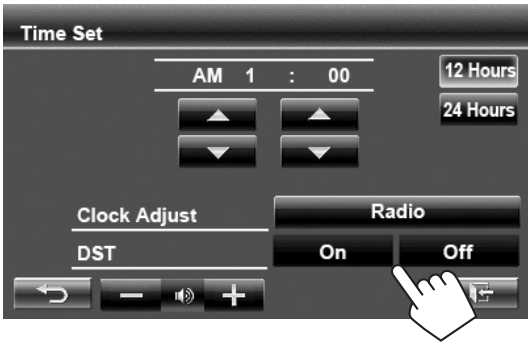


① Select the time display format

② Adjust the hour

③ Adjust the minute

5 Select <Off> or <On> for Daylight Saving Time.*

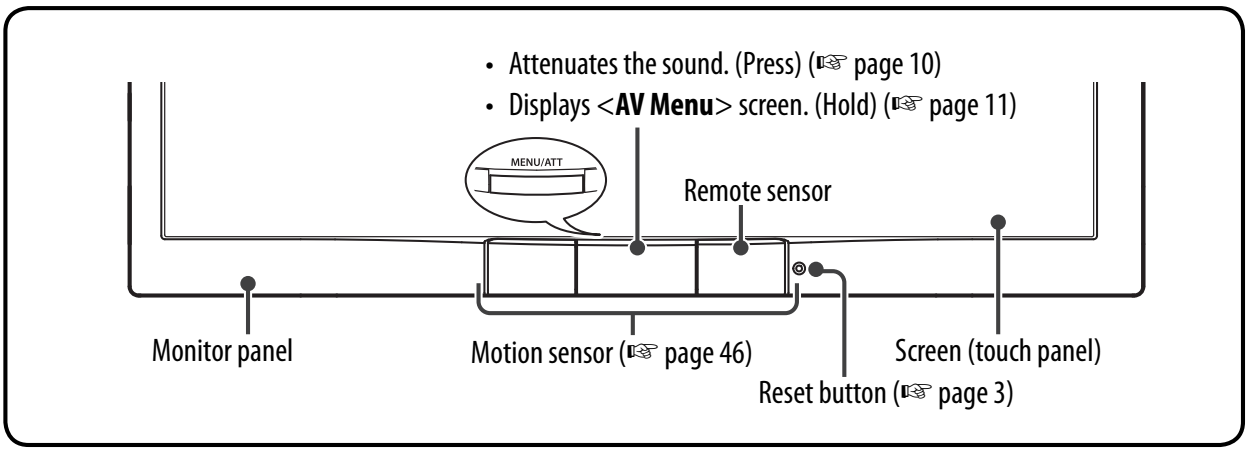


- Select <**On**> if your residential area is subject to Daylight Saving Time.

6 Finish the procedure.

* *Only for KW-AVX840: Selectable only when SIRIUS Satellite Radio is connected.*

Common operations


• Attenuates the sound. (Press) (☞ page 10)
• Displays <**AV Menu**> screen. (Hold) (☞ page 11)
MENU/ATT
Remote sensor
Monitor panel
Motion sensor (☞ page 46)
Screen (touch panel)
Reset button (☞ page 3)

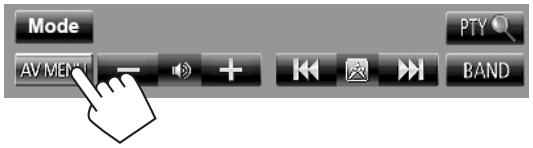
Turning on the power

Turn on the ignition switch.

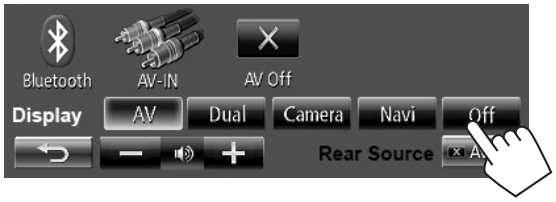
- The power is turned off when the ignition switch is turned off.

Turning off/on the screen

1 Display <AV Menu> screen.



2

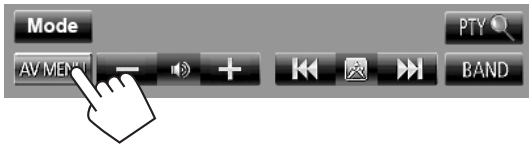


The screen is turned off.

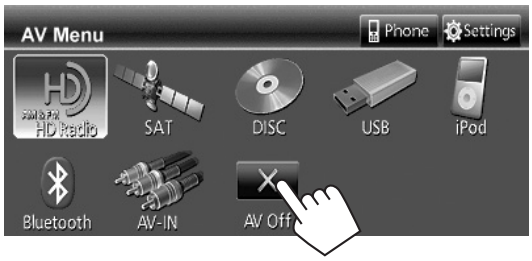
To turn on the screen, hold MENU/ATT.

Turning off/on the AV source

1 Display <AV Menu> screen.



2



AV source is turned off.

To activate the AV function, change the source.

<u>Caution on volume setting:</u>

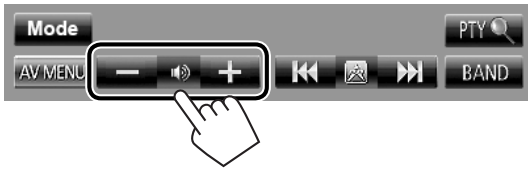
Digital devices (CD/USB) produce very little noise compared with other sources. Lower the volume before playing these digital sources to avoid damaging the speakers by sudden increase of the output level.

ENGLISH

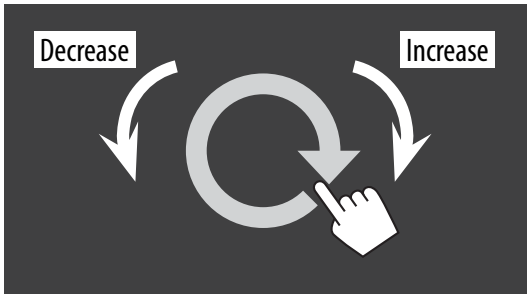
Adjusting the volume

To adjust the volume

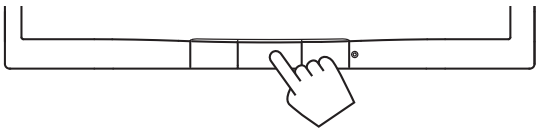
- About the adjustable volume range, ☞ page 44 (<**Amplifier Gain**>).



- You can also adjust the volume by moving your finger on the touch panel as illustrated.



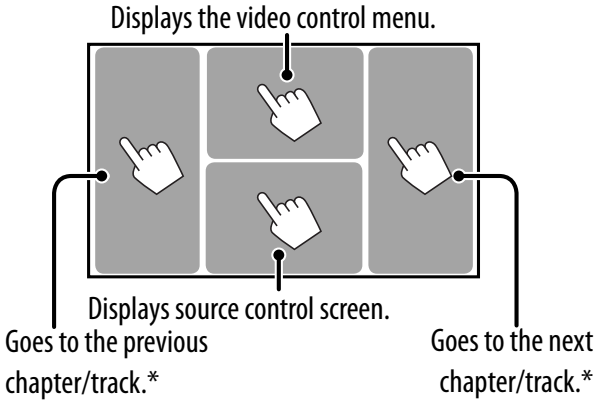
To attenuate the sound



The ATT indicator lights up.

To cancel the attenuation, press MENU/ATT.

Touch screen operation


Displays the video control menu.
Displays source control screen.
Goes to the previous chapter/track.*
Goes to the next chapter/track.*

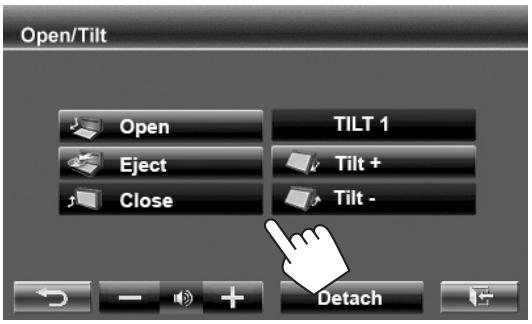
The operation buttons disappear when no operation is done for about 10 seconds.

* *Not available for video from an external component and rear view camera.*
Dragging your finger to left or right functions in the same way as touching.

Ejecting the disc/adjusting the monitor panel

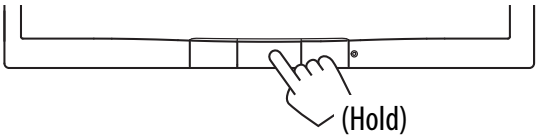
1 On the source control screen:

2



[**Open**]	Opens the monitor panel.
[**Eject**]	Ejects the disc.
[**Close**]	Closes the monitor panel.
[**Tilt +**/ **Tilt –**]	Tilts the monitor panel.
[**Detach**]	To detach the monitor panel. (☞ page 5)
[ ]	Goes back to the current source screen.

- When the ACC is off, you can also eject the disc. Hold MENU/ATT to display the <**Open/Tilt**> screen.



Switching screens

ENGLISH

Source control screen

Common operating buttons

[**NAVI**]*1	Displays navigation screen.*2 (☞ page 30)
[ᛒ] (☞ below)	• Displays the phone control screen. (Press) • Switches to the last connected mobile phone. (Hold) (☞ page 51)
[▦]	Displays the sound adjustment screen. (☞ page 37)
[**TP**]	Activates/deactivates TA standby reception mode. (☞ page 16)
[⏏ / ⇳]	Displays <**Open/Tilt**> screen. (Press) (☞ page 10)

<AV Menu>

Displays source control screen/setting screen and changes picture source.

[**AV**]	Displays the source control screen. (☞ above)
[**Dual**]	Displays the picture from the rear source. (☞ page 36)
[**Camera**]	Displays the picture from the rear view camera.*2 (☞ page 43)
[**Navi**]*1	Displays the navigation screen. *2 (☞ page 30)
[**Off**]	Turns off the screen. (☞ page 9)

- Press [⮌] to return to the previous screen.
- Press [⮈] to display the current source control screen.

<Settings>

Changes the detailed settings. (☞ page 44)

*1 *Appears only when <**Navigation Input**> is set to <**On**>. (☞ page 30)*

*2 *Displays the screen only when a rear view camera/ navigation unit is connected.*

Icons for Bluetooth button

- ᛒ : No device is connected.
- ᛒ♪ : A Bluetooth audio player is connected.
- ᛒ📱 : A Bluetooth mobile phone is connected.
- ᛒ📱♪ : Both Bluetooth mobile phone and audio player are connected.

AV SOURCE OPERATIONS

Selecting the playback source

KW-AVX848

KW-AVX840

TUNER(☞ page 13)/**HDRADIO***1*2 (☞ page 34)	Switches to the conventional radio broadcast/HD Radio broadcast.
SAT*1 (☞ page 31)	Switches to the satellite radio broadcast.
DISC (☞ page 17)	Plays a disc.
USB (☞ page 24)	Plays files on a USB device.
iPod (☞ page 26)	Plays an iPod/iPhone.
Bluetooth (☞ page 56)	Plays a Bluetooth audio player.
AV-IN*3 (☞ page 29)	Switches to an external component connected to LINE IN/VIDEO IN jacks on the rear panel.
AV Off	Turns off the AV source.

*1 *Only for KW-AVX840.*

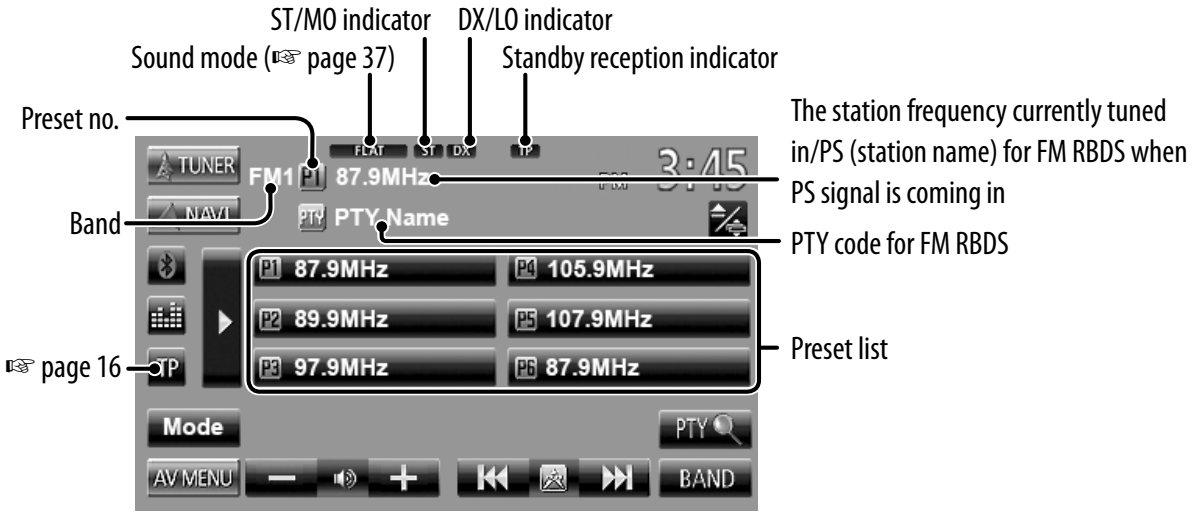
*2 *"HD RADIO" is shown as the source instead of "TUNER" when the HD Radio tuner box is connected.*

*3 *Select an appropriate input setting on* <**Audio Input**>. *(☞ page 46)*

Listening to the radio

ENGLISH

Preparation: Select the appropriate tuner channel interval for <**Area Setting**>. (☞ page 15)



- The ST indicator lights up when receiving an FM stereo broadcast with sufficient signal strength.

[**P1**] – [**P6**]
- Tunes in the preset station. (Press)
- Presets the currently tuned station. (Hold)

[**TP**]* Activates/deactivates TA standby reception mode. (☞ page 16)

[**PTY** 🔍]* Enters FM RBDS program search mode. (☞ page 16)

[►] Displays/hides the information of the current station (☞ below).

[**BAND**] Selects the band.
➔FM1➔FM2➔FM3➔AM

[I◄◄] [►►I] Searches for a station.
- Auto search (Press)
- Manual search (Hold)

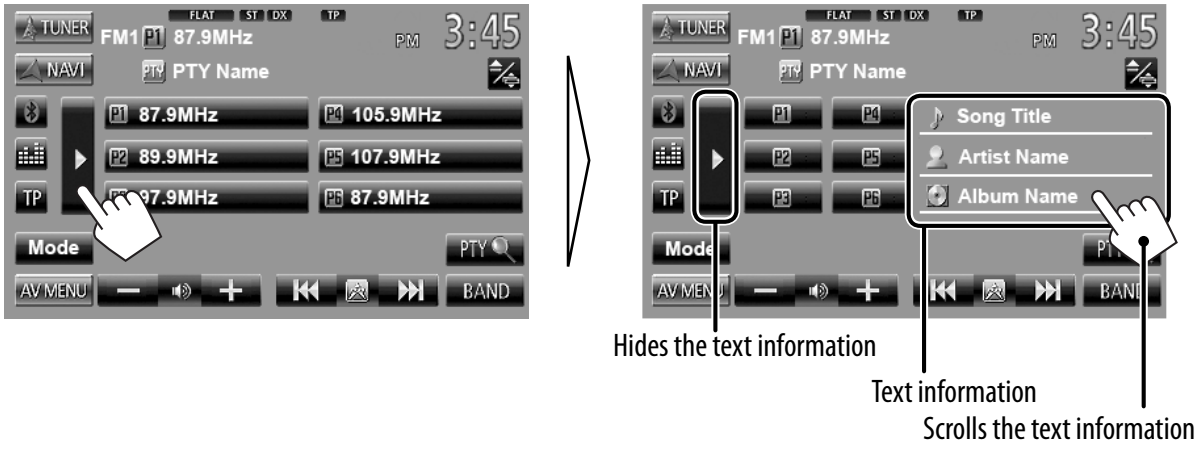
[–] [+] Adjusts the volume.

[**Mode**] Displays tuner setting screen. (☞ pages 14 – 15)

[**AV MENU**] Displays <**AV Menu**> screen.

* *Appears only when FM is selected as the source.*

Displaying the information of the current station



ENGLISH

When an FM stereo broadcast is hard to receive...

Activate monaural mode for better reception.

1

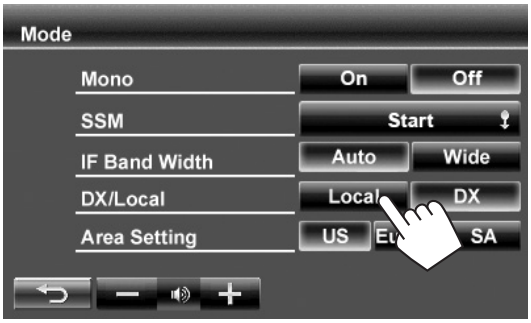
2

On	Activate monaural mode to improve FM reception, but stereo effect will be lost. The MO indicator lights up.
Off	Restore the stereo effect.

To tune in FM stations only with strong signals—LO/DX (Local/Distance-extreme)

1

2



Local	Select this to tune in only to stations with sufficient signal strength. The LO indicator lights up.
DX	Deactivate the function. The DX indicator lights up.

When the FM reception is interfered...

1

2

Auto	Increases the tuner selectivity to reduce interference noises between adjacent stations. (Stereo effect may be lost.)
Wide	Subject to the interference from adjacent stations, but sound quality will not be degraded and the stereo effect will remain.

Changing the tuner channel interval

Tuner channel interval changes depending on the area you use this unit.

1

2

US	Select this when using in North/ Central/South America. FM/AM intervals are set to 200 kHz/10 kHz.
Europe	Select this when using in any other areas. FM/AM intervals are set to 50 kHz/9 kHz.
SA	Select this when using in South American countries where FM interval is 50 kHz. AM interval is set to 10 kHz.

- Initial setting is <**US**> for KW-AVX840, and <**SA**> for KW-AVX848.

Storing stations in memory

You can preset six stations for each band.

Automatic presetting—SSM (Strong-station Sequential Memory) (For FM only)

1

2

Local stations with the strongest signals are searched and stored automatically.

Manual presetting

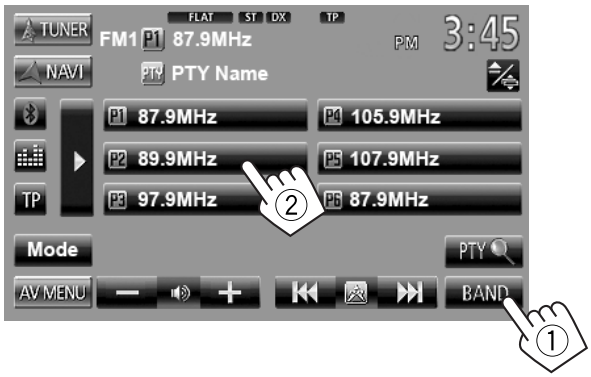
1 **Tune in to a station you want to preset.**
(☞ page 13)

2 **Select a preset number.**

The station selected in step **1** is stored.

ENGLISH

Selecting a preset station



The following features are available only for FM RBDS stations.

Searching for FM RBDS program—PTY Search

You can search for your favorite programs being broadcast by selecting the PTY code for your favorite programs.

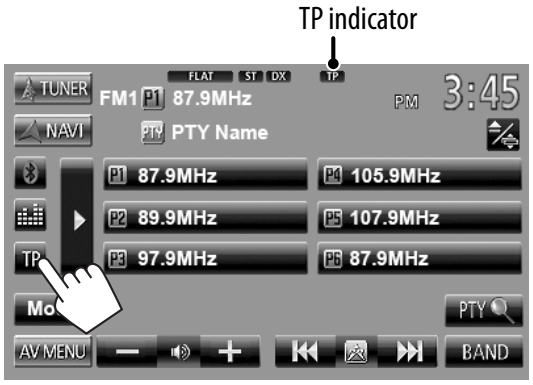
1

2 Select a PTY code.

Changes the page

PTY Search starts.
If there is a station broadcasting a program of the same PTY code as you have selected, that station is tuned in.

Activating/deactivating TA Standby Reception



TP indicator	TA Standby Reception
Lights up	The unit will temporarily switch to Traffic Announcement (TA) if available.
Flashes	Not yet activated. Tune in to another station providing the RBDS signals.
Goes off	Deactivated.

- The volume adjustment for Traffic Announcement is automatically memorized. The next time the unit switches to Traffic Announcement, the volume is set to the previous level.

Disc operations

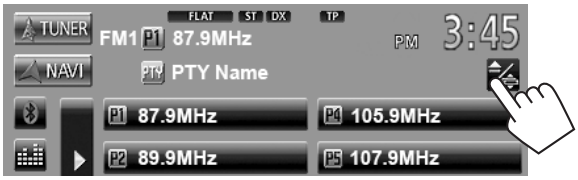
ENGLISH

Playing a disc

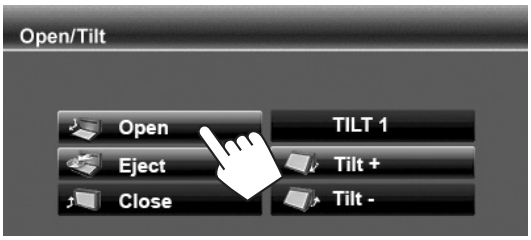
- If a disc does not have any disc menu, all tracks on it will be played repeatedly until you change the source or eject the disc.

Inserting a disc

1 On the source control screen:

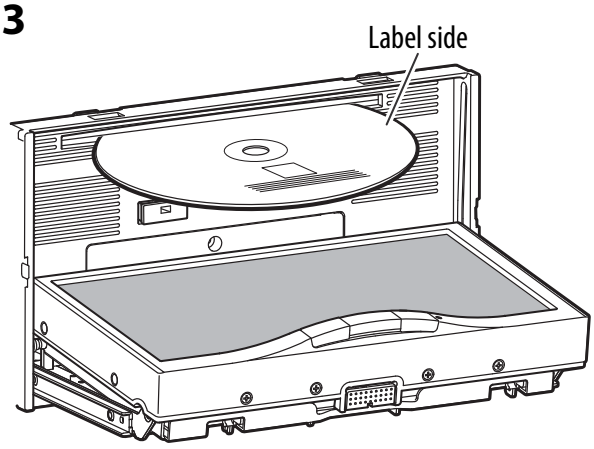


2



The monitor panel opens.

3



The source changes to "**DISC**" and playback starts.

- The DISC IN indicator lights up while a disc is inserted.

- If "⃠" appears on the screen, the unit cannot accept the operation you have tried to do.
  – In some cases, without showing "⃠," operations will not be accepted.
- When playing back a multi-channel encoded disc, the multi-channel signals are downmixed to stereo.

To eject a disc

1 On the source control screen:

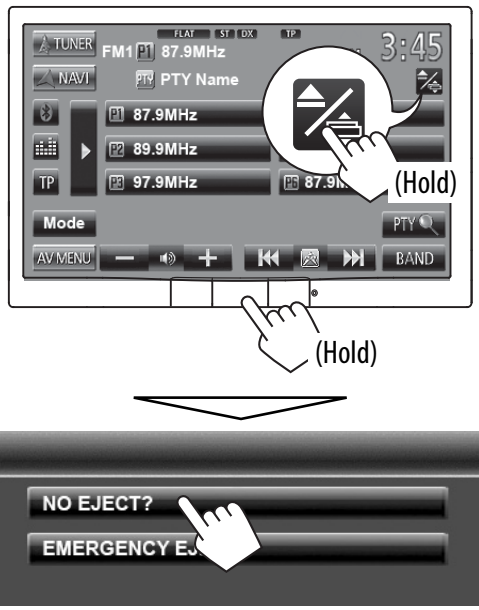
2 Press [Eject].

- You can eject a disc when playing another AV source.
- If the ejected disc is not removed within 15 seconds, the disc is automatically inserted again into the loading slot to protect it from dust.
- If the disc cannot be ejected, ☞ page 3.

When removing a disc, pull it horizontally.

To prohibit disc ejection

On the monitor panel and the source control screen:



To cancel the prohibition, repeat the same procedure to select <**EJECT OK?**>.

Playable disc type

Disc type	Recording format, file type, etc	Playable
DVD • DTS sound cannot be reproduced or emitted from this unit.	DVD-Video *1 Region Code: • For KW-AVX840: 1 • For KW-AVX848: 4 	✓OK
	DVD-Audio/DVD-ROM	✗NO
DVD Recordable/Rewritable (DVD-R/-RW *2, +R/+RW *3) • DVD Video: UDF bridge • DVD-VR • DivX*4/MPEG1/MPEG2/JPEG/MP3/WMA/WAV: ISO 9660 level 1, level 2, Romeo, Joliet	DVD-Video	✓OK
	DVD-VR *5	
	DivX*4/MPEG1/MPEG2	
	JPEG	
	MP3/WMA/WAV	
	MPEG4/AAC/DVD+VR/DVD-RAM	✗NO
Dual Disc	DVD side	✓OK
	Non-DVD side	✗NO
CD/VCD	Audio CD/CD Text (CD-DA)	✓OK
	VCD (Video CD)	
	DTS-CD/SVCD (Super Video CD)/CD-ROM/CD-I (CD-I Ready)	✗NO
CD Recordable/Rewritable (CD-R/-RW) • ISO 9660 level 1, level 2, Romeo, Joliet	CD-DA	✓OK
	VCD (Video CD)	
	DivX*4/MPEG1/MPEG2	
	JPEG	
	MP3/WMA/WAV	
	MPEG4/AAC	✗NO

*1 *If you insert a DVD Video disc of an incorrect Region Code, "Region Code Error" appears on the screen.*

*2 *DVD-R recorded in multi-border format is also playable (except for dual layer discs). DVD-RW dual layer discs are not playable.*

*3 *It is possible to play back finalized +R/+RW (Video format only) discs. "DVD" is selected as its disc type when a +R/+RW disc is loaded. +RW double layer discs are not playable.*

*4 *Only for KW-AVX840.*

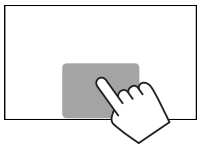
*5 *This unit cannot play back contents protected with CPRM (Content Protection for Recordable Media).*

Caution for DualDisc playback

The Non-DVD side of a "DualDisc" does not comply with the "Compact Disc Digital Audio" standard. Therefore, the use of Non-DVD side of a DualDisc on this product may not be recommended.

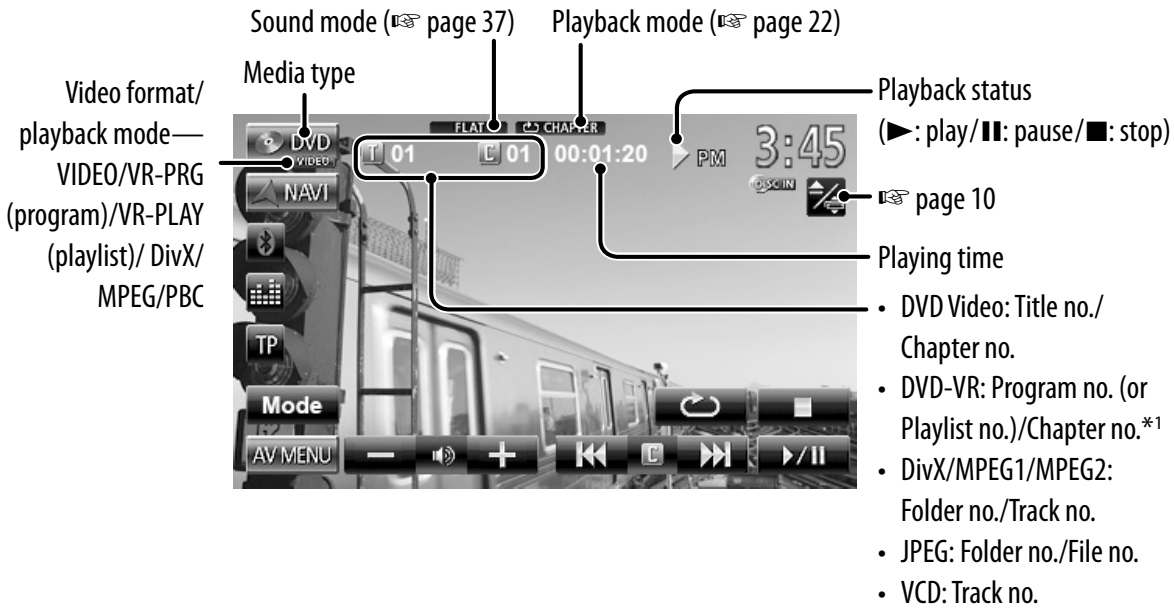
ENGLISH

To display the source control screen (☞ below)



- The operation buttons disappear when no operation is done for about 10 seconds.

For DVD/DVD-VR/VCD/DivX/MPEG1/MPEG2/JPEG



[↻] [↓↑]*2	Selects playback mode. (☞ page 22)
[►/❚❚]	Starts playback/pauses.
[■]*3	Stops playback.
[I◄◄] C [►►I]	• Selects chapter. (Press) • Reverse/forward search.*4 (Hold)
[–] 🔊 [+]	Adjusts the volume.
[**Mode**]*5	Changes the settings for disc playback. (☞ page 23)
[**AV MENU**]	Displays <**AV Menu**> screen.

- For VCD/DivX/MPEG1/MPEG2/JPEG, the following buttons also appear:

[☰]*5	Displays folder/track list. (☞ page 20)
[I◄◄] ♪*6 [►►I]	• Selects track. (Press) • Reverse/forward search.*4 (Hold)

*1 *To display the Original Program/Playlist screen, ☞ page 21.*

*2 *Does not appear for DVD/DVD-VR/JPEG.*

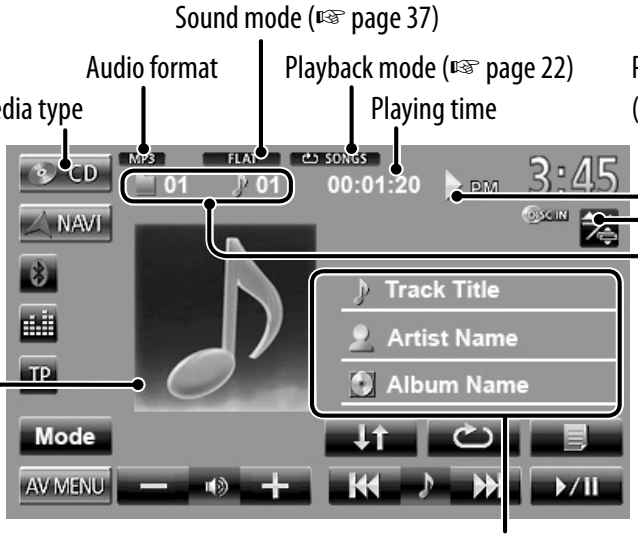
*3 *Appears only for DVD/DVD-VR/VCD.*

*4 *Search speed varies depending on the type of disc or file.*

*5 *Does not appear for VCD.*

*6 *Displayed icon varies depending on the type of disc or file.*

For CD/MP3/WMA/WAV

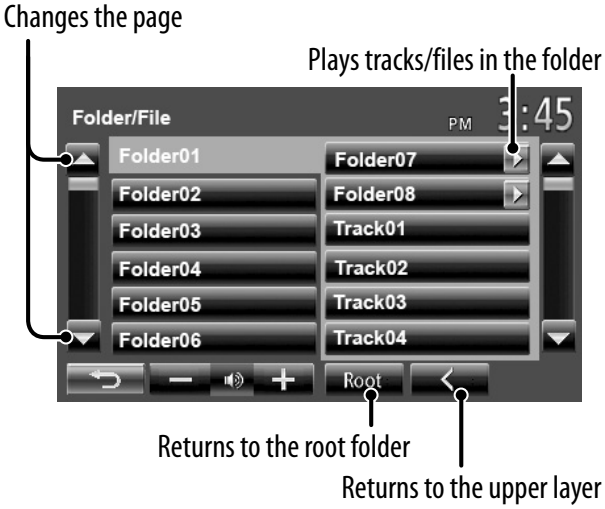


[↻] [↓↑]	Selects playback mode. (☞ page 22)	[–] 🔊 [+]	Adjusts the volume.
[📄]*1	Displays folder/track list. (☞ below)	[**Mode**]*1	Changes the settings for disc playback. (☞ page 23)
[►/❚❚]	Starts playback/pauses.	[**AV MENU**]	Displays <**AV Menu**> screen.
[I◄◄] ♪ [►►I]	• Selects track. (Press) • Reverse/forward search.*2 (Hold)		

*1 *Does not appear for CD.*

*2 *Search speed varies depending on the type of disc or file.*

Selecting folder/track on the list



Playing Recordable/Rewritable discs

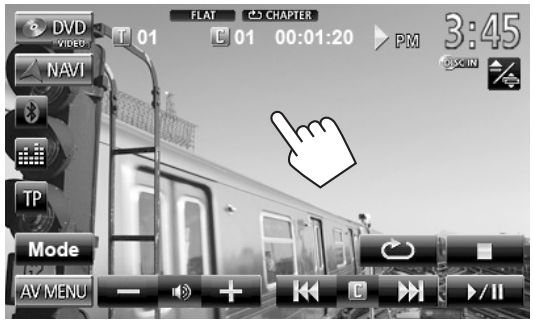
- This unit can recognize a total of 5 000 files and 250 folders (a maximum of 999 files per folder).
- Use only "finalized" discs.
- This unit can play back multi-session discs; however, unclosed sessions will be skipped while playing.
- Some discs or files may not be played back due to their characteristics or recording conditions.

Video menu operations

You can display the video menu screen while watching the playback pictures on the screen.

- Available items on the screen differ depending on the types of the loaded disc and playback files.
- The operation buttons disappear when no operation is done for about 10 seconds.

Touch any position of the screen other than operation buttons.



- The screen for MPEG1/MPEG2 differs from the above.

[◯◯◯] Selects the audio type.
- For DVD-VR: Selects the audio channel (ST: stereo, L: left, R: right).

[▭] Selects the subtitle type.

[📷] Selects view angle.

[**Menu**] Displays the disc menu (DVD)/ playlist (DVD-VR).

[**Top Menu**] Displays the disc menu (DVD)/ original program (DVD-VR).

[✥] Displays the menu/playlist/original program item selecting screen.
- [▲] [▼] [◄] [►]: Selects an item.
  - For DivX only [◄] [►]: Skips back or forward by about 5 minutes.
- [**Enter**]: Confirms the selection.
- [**Return**]: Returns to the previous screen.

[☝] Switches to the direct selection mode. Touch the target item to select.

[**Adjust**] Displays picture adjustment screen. (☞ page 41)

[**Aspect**] Selects aspect ratio. (☞ page 42)

[**Zoom**] Displays the picture size selecting screen. (☞ page 42)

- Touching any position other than operation buttons displays the source control screen.

ENGLISH

ENGLISH

Only for VCD

1

2

Direct selecting buttons (☞ below)

[◯◯◯]	Selects the audio channel (ST: stereo, L: left, R: right).
[**Return**]	Displays the previous screen or the menu.
[**Menu**]	Displays the disc menu.
[**Adjust**]	Displays picture adjustment screen. (☞ page 41)
[**Aspect**]	Selects aspect ratio. (☞ page 42)
[**Zoom**]	Displays the picture size selecting screen. (☞ page 42)
[▦]	Displays/hides the direct selecting buttons. (☞ below)

- To select a track directly

  – To switch between chapter/track entry and title/folder entry, press [**Direct/CLR**].
  – When you enter a wrong number, press [**Direct/CLR**] to delete the last entry.

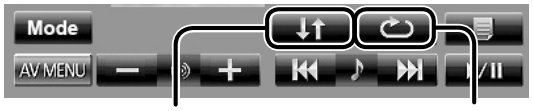
- To deactivate the PBC function, press [■] then the direct selecting buttons to select a track number.

Selecting playback mode

For DVD/DVD-VR

Selects Repeat playback mode

For VCD (without PBC)/CD/DivX/MPEG1/MPEG2/MP3/WMA/WAV



Selects Random playback mode*

Selects Repeat playback mode*

* *You cannot activate the repeat mode and the random mode at the same time.*

- Each time you press the button, the playback mode changes. (The corresponding indicator lights up.)
  – Available items differ depending on the types of loaded disc and playback file.

Indicator	Playback mode
CHAPTER	Repeats current chapter.
TITLE	Repeats current title.
PROGRAM	Repeats current program (not available for Playlist playback).
SONGS	Repeats current track.
FOLDER	Repeats all tracks of the current folder.
FOLDER	Randomly plays all tracks of current folder, then tracks of next folders.
DISC	Randomly plays all tracks.

To cancel, press the button repeatedly until the indicator disappears.

Settings for disc playback

Disc Setup items		Selectable setting/item — Initial: **Underlined**
For DVD/DVD-VR	**Menu Language**	Select the initial disc menu language; Initial **English** (☞ page 63).
	Audio Language	Select the initial audio language; Initial **English** (☞ page 63).
	Subtitle	Select the initial subtitle language or erase the subtitle (**Off**). • Initial for KW-AVX840: **Off**, for KW-AVX848: **English** (☞ page 63)
	Down Mix	When playing back a multi-channel disc, this setting affects the signals reproduced through the FRONT OUT/REAR OUT jacks. ◆ **Dolby Sur** : Select this to enjoy multi-channel surround audio by connecting an amplifier compatible with Dolby Surround. ◆ **Stereo** : Normally select this.
	D. (Dynamic) Range Compres. (Compression)	You can change the dynamic range while playing Dolby Digital software. ◆ **Off** : Select this to enjoy a powerful sound at a low volume level with its full dynamic range. ◆ **On** : Select this to reduce the dynamic range a little. ◆ **Dialog** : Select this to reproduce the movie dialog more clearly.
For discs except VCD/CD	**Monitor Type**	Select the monitor type to watch a wide screen picture on the external monitor. ◆ **16:9** ◆ **4:3 LB** (Letterbox) ◆ **4:3 PS** (PanScan)
For discs containing audio/ video/picture files	**File Type**	Select the playback file type when a disc contains different types of files. ◆ **Audio** : Plays back audio files. ◆ **Still Picture** : Plays back JPEG files. ◆ **Video** : Plays back DivX/MPEG1/MPEG2 files. ◆ **Audio&Video** : Plays back audio files and DivX/MPEG1/MPEG2 files. • For playable file types, ☞ page 18. • If the disc contains no files of the selected type, the existing files are played in the following order: audio, video, then still picture.

USB operations

Playing a USB device

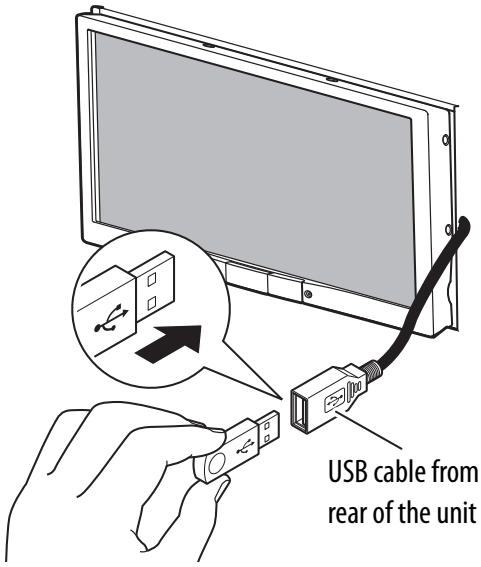
- This unit can play JPEG/MPEG1/MPEG2*/MP3/WMA/WAV files stored in USB mass storage class device.
- This unit can recognize a total of 5 000 files and 250 folders (a maximum of 999 files per folder).
- Make sure all important data has been backed up to avoid losing the data.

* *Except for MPEG2 files recorded by JVC Everio camcorder (extension code <.mod>).*

Connecting a USB device

You can connect a USB mass storage class device such as a USB memory, Digital Audio Player etc. to the unit.

- You cannot connect a computer or portable HDD to the USB cable from the rear of the unit.



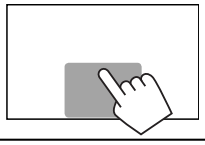
The source changes to "**USB**" and playback starts.

- All tracks in the USB device will be played repeatedly until you change the source.

Cautions:

- This unit may not play back files in a USB device properly when using a USB extension cord.
- USB devices equipped with special functions such as data security functions cannot be used with the unit.
- Do not use a USB device with 2 or more partitions.
- Depending on the shape of the USB devices and connection ports, some USB devices may not be attached properly or the connection might be loose.
- This unit cannot recognize a USB device whose rating is other than 5 V and exceeds 1 A.
- This unit may not recognize a memory card inserted into the USB card reader.
- Connect only one USB device to the unit at a time. Do not use a USB hub.
- When connecting with a USB cable, use the USB 2.0 cable.
- The maximum number of characters for (when the characters are 1 byte):
  – Folder names : 50 characters
  – File names : 50 characters
- Avoid using the USB device if it might effect driving safety.
- Do not pull out and attach the USB device repeatedly while "Now Reading" is shown on the screen.
- Electrostatic shock at connecting a USB device may cause abnormal playback of the device. In this case, disconnect the USB device then reset this unit and the USB device.
- Operation and power supply may not work as intended for some USB devices.
- Do not leave a USB device in the car, expose to direct sunlight, or high temperature to avoid deformation or cause damaging to the device.

To display the source control screen (☞ below)



- The operation buttons disappear when no operation is done for about 10 seconds.
- To change settings for video playback, ☞ page 41.

[↻] Selects repeat mode. *1 *2
- ↻ **SONGS**: Repeats current track.
- ↻ **FOLDER**: Repeats all tracks of the current folder.

[↓↑] Selects random mode. *1 *2
- ↓↑ **FOLDER**: Randomly plays all tracks of the folder.
- ↓↑ **USB**: Randomly plays all tracks.

[▤] Displays folder/track list. (☞ page 20)

[►/❚❚] Starts playback/pauses.

[|◄◄] [►►|] *3
- Selects track. (Press)
- Reverse/forward search.*4 (Hold)

[–] [+] Adjusts the volume.

[**Mode**] Changes the settings for file playback. (☞ below)

[**AV MENU**] Displays <**AV Menu**> screen.

- Available items differ depending on the types of playback file.

*1 *To cancel random or repeat mode, press the button repeatedly until the indicator disappears.*

*2 *You cannot activate the repeat mode and the random mode at the same time.*

*3 *Displayed icon varies depending on the file type.*

*4 *Search speed varies depending on the file type.*

Setting <Monitor Type>

Select the monitor type to watch a wide screen picture on the external monitor.

16:9	
4:3 LB (Letterbox)	
4:3 PS (PanScan)	

Setting <File Type>

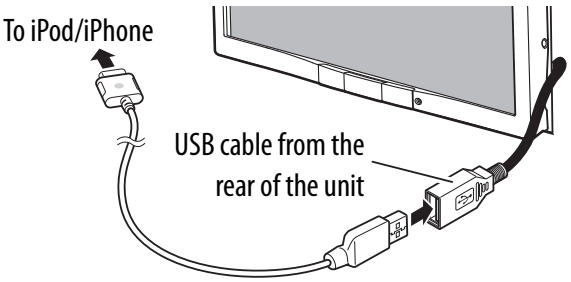
Audio	Plays back audio files.
Still Picture	Plays back JPEG files.
Video	Plays back MPEG1/MPEG2 files.
Audio&Video	Plays back audio files and MPEG1/MPEG2 files.

- If the USB device contains no files of the selected type, the existing files are played in the following order: audio, video, then still picture.

Listening to the iPod/iPhone device

Preparation

Connecting iPod/iPhone



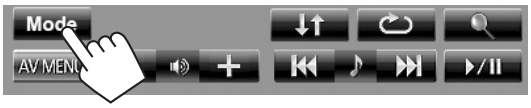
- Use the following cables:
  - **To listen to the music (digital):** USB 2.0 cable (accessory of the iPod/iPhone)
  - **To watch the video and to listen to the music (analog):** USB Audio and Video cable for iPod/iPhone—KS-U30 (separately purchased) (☞ Installation/Connection Manual)
- Change the setting for watching video. (☞ page 28)

iPod/iPhone that can be connected to this unit:
– iPod with video (5th Generation)
– iPod classic
– iPod nano (6th Generation)
– iPod nano (5th Generation)
– iPod nano (4th Generation)
– iPod nano (3rd Generation)
– iPod nano (2nd Generation)
– iPod nano (1st Generation)
– iPod touch (4th Generation)
– iPod touch (3rd Generation)
– iPod touch (2nd Generation)
– iPod touch (1st Generation)
– iPhone 4
– iPhone 3G
– iPhone 3GS
– iPhone

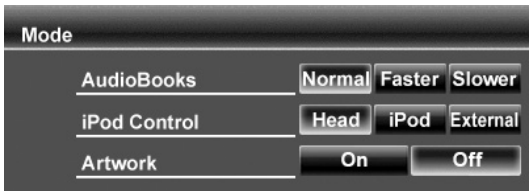
Settings for iPod playback

When the source is "**iPod**"...

1



2



AudioBooks: Select the speed of audio books.

iPod Control:

- When using iPod nano (1st Generation) or iPod with video (5th Generation), only <**Head**> mode is selectable.

Head	Controls playback from this unit.
iPod	Controls audio/video playback from the iPod/iPhone. • Playback information is shown.
External*	Allows any audio/video signals from iPod/iPhone. • No information is shown.

Artwork: Shows/hides the iPod artwork.

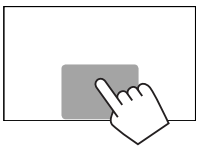
* *When you turn on the power and play back a video with* <**External**> *selected, caution message appears. Press [***Accept***] to continue.*

- When you use App of the iPod touch or iPhone, see also page 64 for safety instructions.

iPod/iPhone playback operations

ENGLISH

To display the source control screen (☞ below)



- The operation buttons disappear when no operation is done for about 10 seconds.
- To change settings for video playback, ☞ page 41.

- The operations explained in this manual are under <**Head**> mode (☞ page 26).

Track no./Total track number/ Playing time

Sound mode (☞ page 37)

Playback mode (☞ below)

iPod control mode (☞ page 26)

Playback status (►: play/❚❚: pause)

Song/video information
- Touching an information bar scrolls the text if all the text is not shown.

While playing, Artwork (the picture displayed on the screen of iPod/iPhone) is shown if the song contains the Artwork.*1

[↻] Selects Repeat playback mode.*2
- ↻ **SONGS**: Functions the same as "Repeat One."

[↓↑] Selects Random playback mode.*2
- ↓↑ **SONGS**: Functions the same as "Shuffle Songs."
- ↓↑ **ALBUMS**: Functions the same as "Shuffle Albums."

[🔍] Displays the Music/Video menu on the iPod/iPhone. (☞ page 28)

[►/❚❚] Starts playback/pauses.

[|◄◄] [►►|]
- Selects a track/video. *3 (Press)
- Reverse/forward search. (Hold)

[–] [+] Adjusts the volume.

[**Mode**] Changes the settings for iPod playback. (☞ page 26)

[**AV MENU**] Displays <**AV Menu**> screen.

*1 *For changing the Artwork display setting, ☞ page 26.*

*2 *To cancel random or repeat mode, press the button repeatedly until the indicator disappears.*

*3 *You cannot resume playback for video sources.*

- When you turn on this unit, the iPod/iPhone is charged through the unit.
  - iPhone 4 can be charged only when connected through KS-U30.
- The text information may not be displayed correctly.

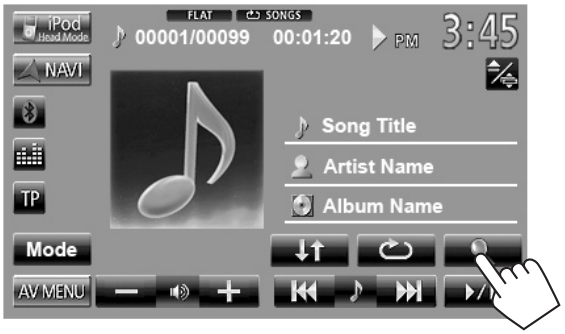
Notice:

When operating an iPod/iPhone, some operations may not be performed correctly or as intended. In this case, visit the following JVC web site: <http://www.jvc.co.jp/english/car/> (English website only)

ENGLISH

Selecting a track/video from menu on the iPod/iPhone

1



2 Select the menu (Music or Video) (①), a category (②), then a desired item (③).

- Select the item in the selected layer until a desired track starts playing.

Music menu:

Switches between Music (→) and Video (→)

Returns to the top layer

Returns to the previous layer

Video menu:

Switches between Music (→) and Video (→)

- Available categories differ depending on the type of your iPod/iPhone.

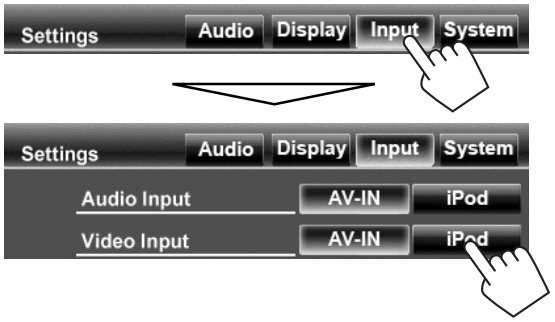
* *You can switch to the top of the category by pressing the corresponding tab: Playlist ( ), Artist ( ), Albums ( ) or Songs( ).*

Setting for watching video

You can change the setting only when the AV source is turned off.

1 On <**AV Menu**>:

2

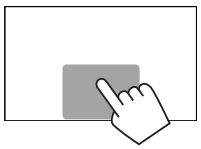


- When iPod with video (5th Generation) is connected, also select <**iPod**> for <**Audio Input**>.

For some iPod/iPhone models, the performance may be abnormal or unstable during operation. In this case, disconnect the iPod/iPhone device, then check its condition.
If the performance is not improved or slow, reset your iPod/iPhone.

Using other external components

To display the source control screen (☞ below)



- The operation buttons disappear when no operation is done for about 10 seconds.
- To change settings for video playback, ☞ page 41.

[**Mode**] Changes the AV-IN name.
- Press [◄] or [►] to select an AV-IN name.

[**AV MENU**] Displays <**AV Menu**> screen.

AV-IN

You can connect an external component to the LINE IN/ VIDEO IN jacks. (☞ Installation/Connection Manual)

Preparation:

- To listen to the music from the connected component, select <**AV-IN**> for <**Audio Input**> setting. (☞ page 46)
- To watch the video from the connected component, select <**AV-IN**> for <**Video Input**> setting. (☞ page 46)

1 Select "AV-IN" as the source. (☞ page 12)

2 Turn on the connected component and start playing the source.

Using the external navigation unit

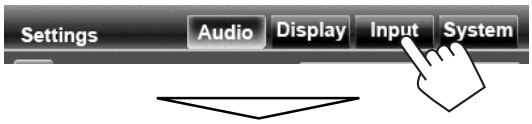
You can connect a navigation unit (not supplied) to the RGB input terminal so that you can view the navigation screen. (☞ the Installation/Connection Manual)

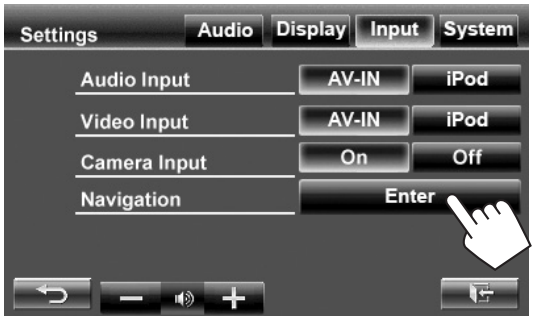
- Please contact your dealer to inquire about compatible navigation units.

Activating the navigation function

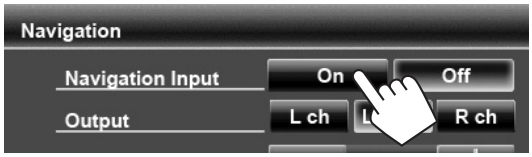
1 On <**AV Menu**>:

2



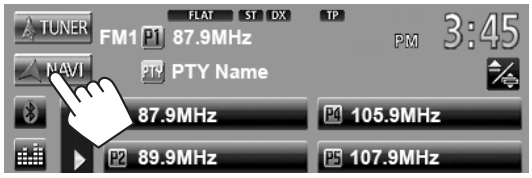


3



To view the navigation screen

On the source control screen:



or

On <**AV Menu**>:

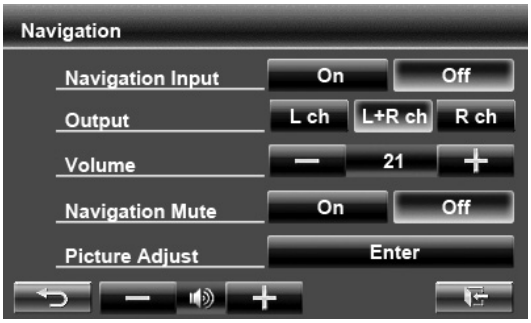
- While the navigation screen is displayed, the touch panel operations are available only for using navigation function.
- The aspect ratio of the navigation screen is fixed to <**Full**> regardless of the <**Aspect**> setting (☞ page 42).
- You can use the source "**AV-IN**" for listening to an audio source connected to the LINE IN jacks.

To cancel the navigation screen

Hold MENU/ATT to display <**AV Menu**>, then press [**AV**].

Settings for navigation unit

On <**Navigation**> (☞ step **3** on the left column):



Navigation Input	☞ the left column
Output	Select front speakers used for the navigation guidance.
Volume	Adjust the volume of the navigation guidance. (0 to 35)
Navigation Mute	Select <**On**> to attenuate the sound coming through speakers other than the front speakers during navigation guidance.
Picture Adjust	Adjust the brightness and black. (☞ page 41)

Listening to the satellite radio (Only for KW-AVX840)

Before operating, connect either one of the following (not supplied) to the expansion port on the rear of the unit.

To listen to the SIRIUS Satellite radio	SCC1 and KS-SRA100
	D&P, SCVDOC1 and KS-SRA100
To listen to the XM Satellite radio	JVC Smart Digital Adapter–XMDJVC100
	CNP2000UCA and CNPJVC1

Activating subscription

For SIRIUS Radio

1 **Select "SAT" as the source.** (☞ page 12)
The SIRIUS Satellite radio starts updating all the SIRIUS channels. (See "Channel Updates—SIRIUS/XM" below.)
- Once completed, SIRIUS Satellite radio tunes in to the Preview Channel.

2 **Press [Mode] to display SIRIUS ID.**

3 **Contact SIRIUS on the internet at <http://activate.siriusradio.com/> to activate your subscription, or you can call SIRIUS toll-free at 1-888-539-SIRIUS (7474).**
"Subscription updated Press any key to continue" appears on the screen once subscription has been completed.

For XM Radio

1 **Select "SAT" as the source.** (☞ page 12)
XM Tuner* starts updating all the XM channels. "Channel 1" is tuned in automatically.
(See "Channel Updates—SIRIUS/XM" below.)

2 **Check your XM Satellite Radio ID labelled on the casing of the XM Tuner, or tune in to "Channel 0."**
The 8-digit (alphanumeric) ID number is displayed on the screen.
To cancel the ID number display, select any channel other than "0."

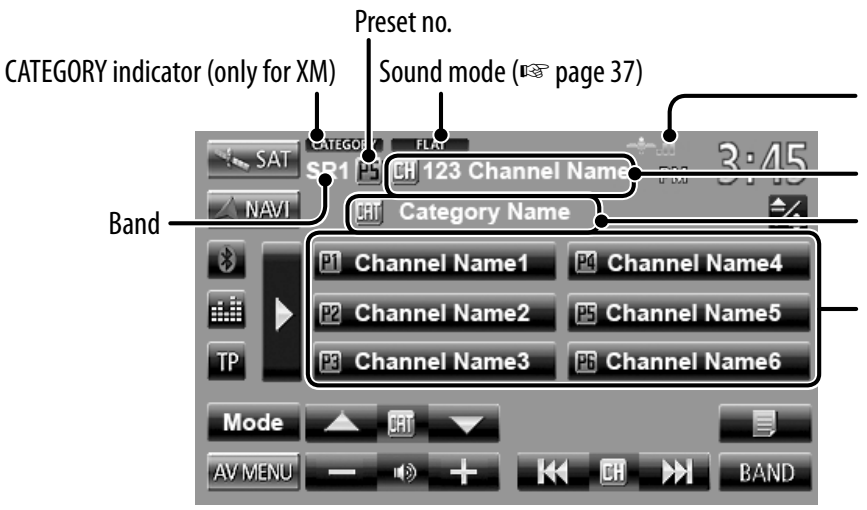
3 **Contact XM Satellite radio on the internet at <www.xmradio.com> and click on "Activate Radio," or you can call 1-800-XM-RADIO (1-800-967-2346).**
Once activated, the unit can then be tuned to one of the available channels.

* *XM Tuner: XMDirect™ Tuner Box or XMDirect2 Tuner System*

Channel Updates—SIRIUS/XM

- If channels are updated after subscription, updating starts automatically, and no sound can be heard:
  – For SIRIUS Satellite radio: "UPDATING" appears.
  – For XM Satellite radio: "UPDATING" (when XMDJVC100 is connected) or "UNAUTH" (when CNP2000UCA and CNPJVC1 are connected) appears.
- Update takes a few minutes to complete.
- Do not press any buttons or perform any operations until updating is completed.

Tuning in to a channel you want



[**BAND**] Selects the band.
For SIRIUS: SR1 ➔ SR2 ➔ SR3
For XM: XM1 ➔ XM2 ➔ XM3

[I◄◄] CH [►►I]
- Selects a channel. (Press)
- Changes the channel rapidly. (Hold)
  – While searching, invalid and unsubscribed channels are skipped.

[–] [+] Adjusts the volume.

[▲] CAT [▼] Selects a category.*

[ ] Displays the Category/Channel List. (☞ page 33)

[►] Displays/hides the information of the current station. (☞ page 33)

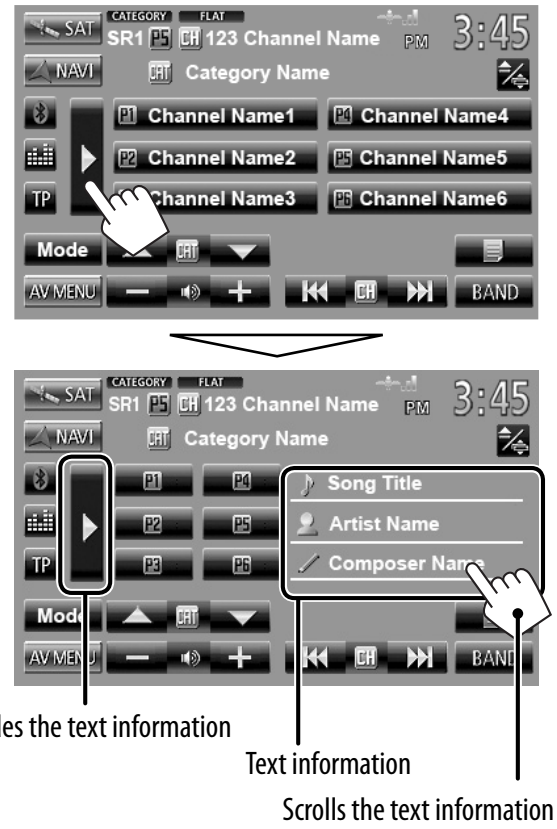
[**Mode**] Only for SIRIUS: Shows the SIRIUS ID.

[**AV MENU**] Displays <**AV Menu**> screen.

* *For SIRIUS Radio:*
– *To select a channel from all categories, select* <**ALL**>.
For XM Radio:
– *To select a channel from all categories (including non-categorized channels), press [▲ CAT] or [CAT ▼].*
– *If you do not select a channel within 15 seconds, the category selected is canceled. (The CATEGORY indicator goes off.) You can select a channel from all categories now.*

- To learn more about SIRIUS/XM programming or to become a subscriber, please visit <www.siriusxm.com>.

Displaying the information of the current station



Storing channels in memory

You can preset six channels for each band.

1 Tune in to a station you want to preset.

(☞ page 32)

2 Select a preset number.

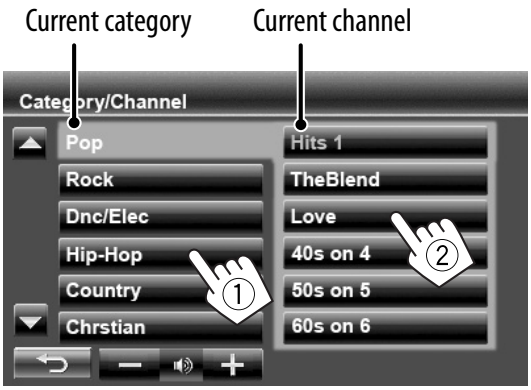
The channel selected in step **1** is stored.

Selecting a preset channels

Selecting a channel on the list

1

2 Select a category (①), then a channel (②) from the selected category.



ENGLISH

Listening to the HD Radio™ broadcast

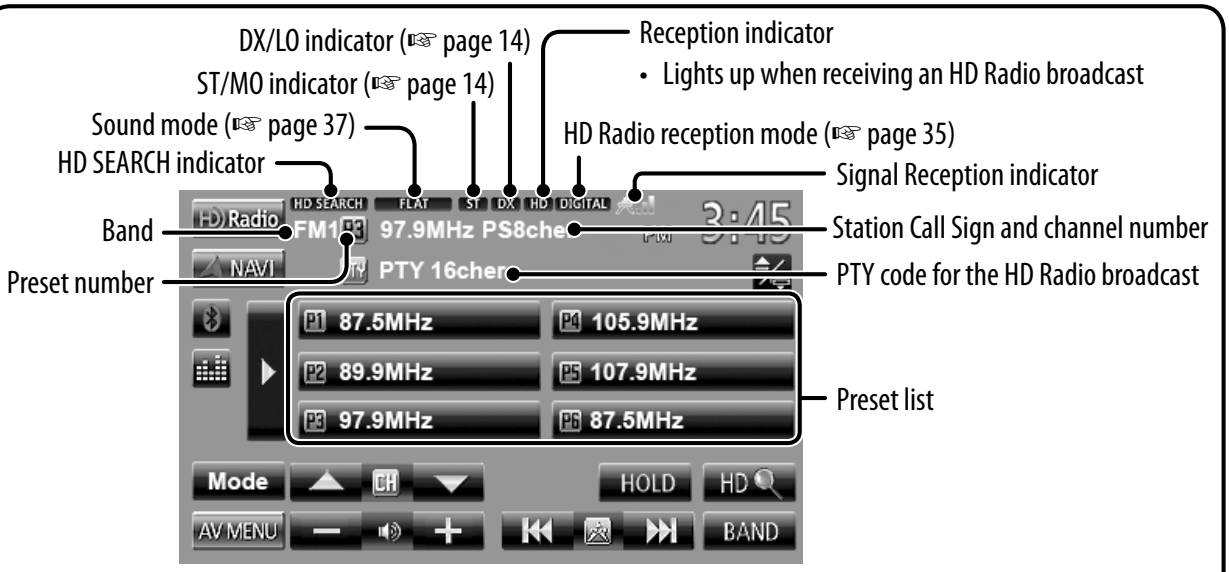
(Only for KW-AVX840)

Before operating, connect HD Radio tuner box, KT-HD300 (separately purchased) to the expansion port on the rear of the unit.

What is HD Radio Technology?

HD Radio Technology can deliver high-quality digital sound—AM digital will have FM-like quality (in stereo) and FM digital will have CD-like quality—with static-free and clear reception. Furthermore, stations can offer text and data, such as artist names and song titles.

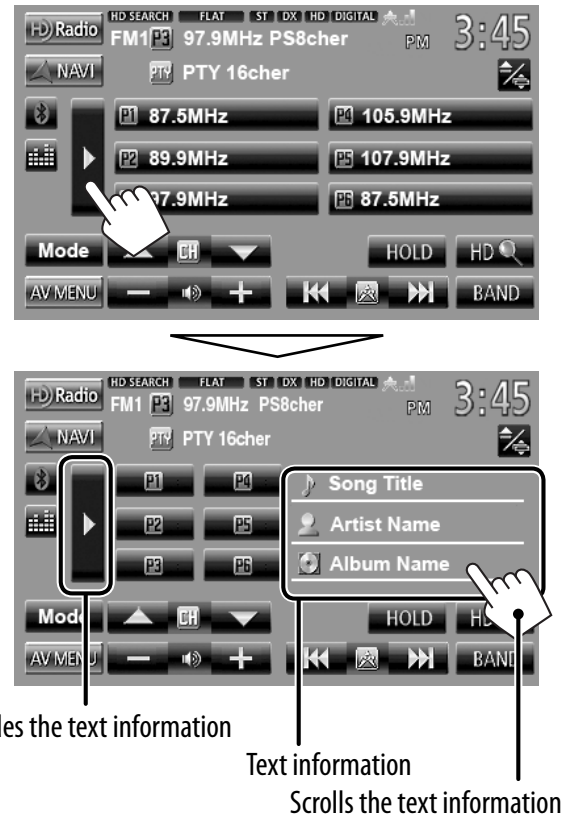
- When the HD Radio tuner box is connected, it can also receive conventional analog broadcasts.
- Many HD Radio stations also offer more than one channel of programming. This service is called multicasting.
- To find HD Radio stations in your area, visit www.hdradio.com <http://www.hdradio.com/>.



[**BAND**]	Selects the band. ┌➔FM1➔FM2➔FM3➔AM┐	[–] [+]	Adjusts the volume.
[I◀◀] [▶▶I]	Searches for a station. • Auto search (Press) • Manual search (Hold)	[►]	Displays/hides the information of the current station. (☞ page 35)
		[**HD** 🔍]	Enables to searches for HD Radio stations only. (☞ page 35)
[▲] CH [▼]	Selects a sub-channel when receiving an HD Radio multicast channel. • "LINKING" appears while linking to a multicast channel.	[**HOLD**]	Changes the HD Radio reception mode. (☞ page 35)
		[**Mode**]	Displays the tuner setting screen. (☞ pages 14 – 15)
		[**AV MENU**]	Displays <**AV Menu**> screen.

- **To improve FM reception,** see "When an FM stereo broadcast is hard to receive...," ☞ page 14.
- **To search for FM stations with strong signals,** see "To tune in FM stations only with strong signals—LO/DX (Local/Distance-extreme)," ☞ page 14.
- **To reduce interference noises,** see "When the FM reception is interfered...," ☞ page 14.
- **To preset stations automatically,** see "Automatic presetting—SSM (Strong-station Sequential Memory) (For FM only)", ☞ page 15.

Displaying the information of the current channel

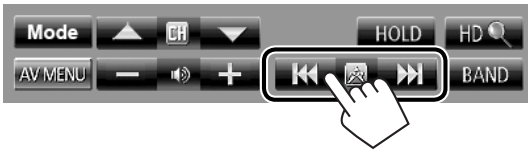


Searching for HD Radio stations only

1

The HD SEARCH indicator appears.

2 Search for a station—Auto Search.



Changing HD Radio reception mode

While receiving an HD Radio broadcast, the unit tunes to digital or analog audio automatically due to the receiving condition.

ANALOG	Tuning to analog audio only.
DIGITAL	Tuning to digital audio only.
AUTO	Switch between digital and analog audio automatically. • In the case when the radio station forces the reception mode to digital, the DIGITAL indicator flashes.

- The setting automatically changes to <**AUTO**> in the following cases:
  - When you tune in to another broadcast.
  - When you change to another source.
  - When you turn off the power.

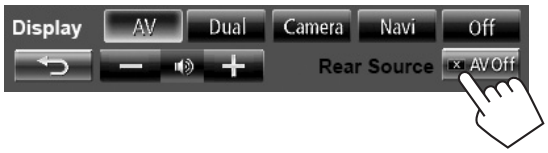
ENGLISH

Rear source operations

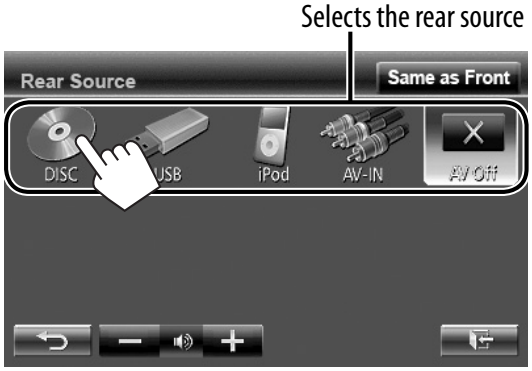
You can enjoy the rear source playback on the external monitor connected to the VIDEO OUT and 2nd AUDIO OUT jacks, while listening to any source.

Activating the rear source

1 On <**AV Menu**>:



2 **Select the rear source.**



- To deactivate the rear source, press [**Same as Front**].

Displaying the picture — Dual play

When the rear source is in use, you can display the picture in the rear source while any source other than "**DISC**", "**USB**", or "**iPod**" is selected.

- You can use the Dual play function only when the parking brake is engaged.

On <**AV Menu**>:

- Dual play cannot be used when there is no picture data in the rear source.

Operations on the external monitor (from the remote controller only)

Selecting a folder or track on the control screen

For DivX/MPEG1/MPEG2/JPEG/MP3/WMA/WAV/CD/iPod

- DivX/MPEG1/MPEG2/JPEG: While playback is stopped.
- CD/iPod: Skip step 1.

1 Press ◁/▷ to select "Folder" column or "Track" column.

2 Press △/▽ to select a Folder or Track.

Using the list screen

For DivX/MPEG1/MPEG2/JPEG/MP3/WMA/WAV

While playback is stopped.

1 Press TOP M or MENU to display the list screen.

2 Press △/▽ / ◁/▷ to select a folder/track on the list.
- To go back to the folder list, press RETURN.

3 Press ENT to confirm the selection.

For iPod

1 Press TOP M or MENU to display the <**SEARCH MODE**> screen.

2 Press △/▽ / ◁/▷ to select an item on the list.
- To go back to the playback control screen, press RETURN or ►/❚❚.

3 Press ENT to confirm the selection.

Sound adjustment

Using the sound equalization

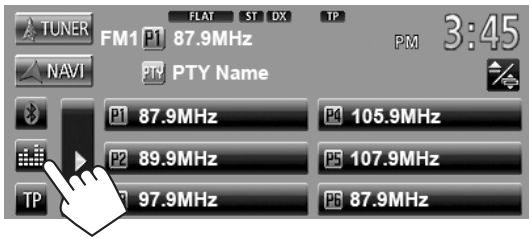
- The adjustment is memorized for each source until you adjust sound again. If the source is a disc, the adjustment is stored for each of the following categories.
  - DVD/DVD-VR
  - VCD/CD
  - DivX/MPEG1/MPEG2/MP3/WMA/WAV
- You cannot adjust the sound when the AV source is turned off.

Selecting a preset sound mode

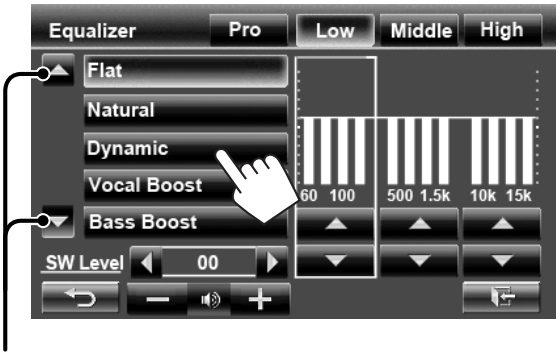
1 On <**AV Menu**>:

or

On the source control screen:



2 Select a sound mode.



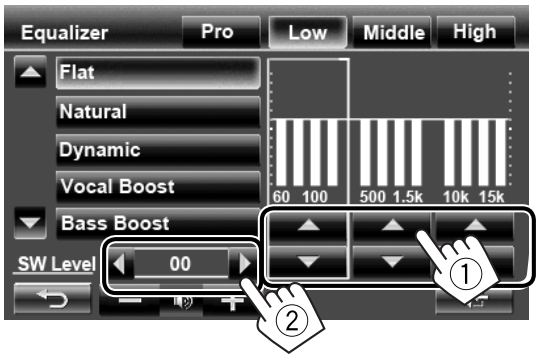
Changes the page

Storing your own adjustment

Customizing preset sound mode

1 Select a sound mode. (☞ "Selecting a preset sound mode")

2 Adjust the level of each band (①), then select the subwoofer level (②).



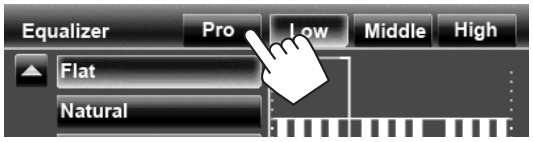
3

The adjustments are stored and <**User**> is activated.

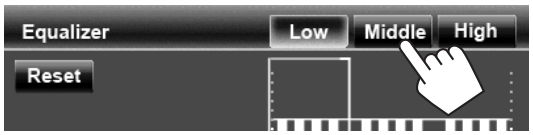
ENGLISH

Adjusting the sound precisely

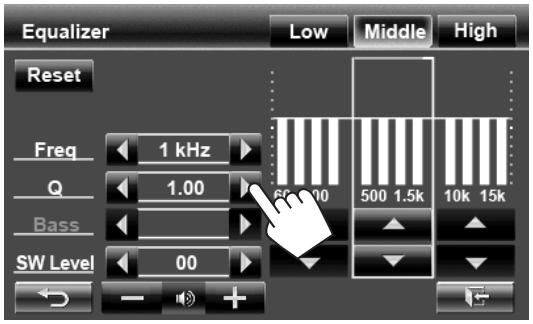
1 Perform steps 1 and 2 of "Selecting a preset sound mode," then...



2 Select a band.



3 Adjust the sound.



Reset	Changes level of Low/Mid/ High to 0.
Freq	Selects frequency.
Q	Adjusts the width of the frequency.*1
Bass	Activates/deactivates bass.*2
SW Level	Adjusts subwoofer level.

The adjustments are stored and <**User**> is activated.

- The adjustments are memorized until you adjust sound again.
- To make adjustment for other bands, repeat steps **2** and **3**.

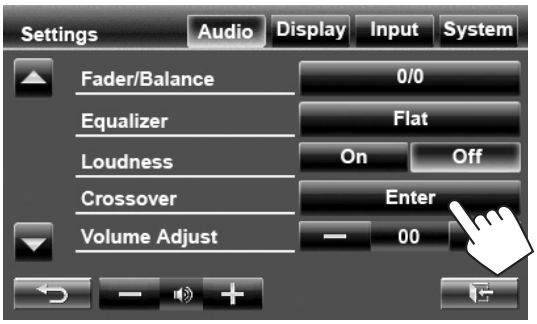
*1 *Fixed for "High" band.*

*2 *Only for "Low" band.*

Adjusting the cross over frequency

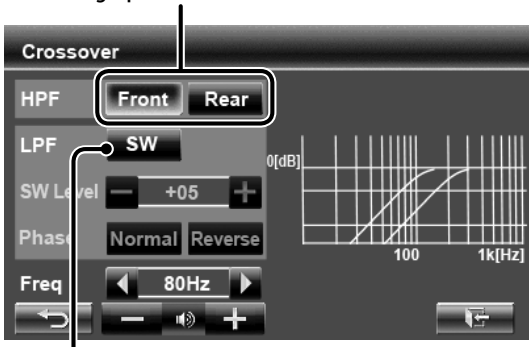
1 On <**AV Menu**>:

2

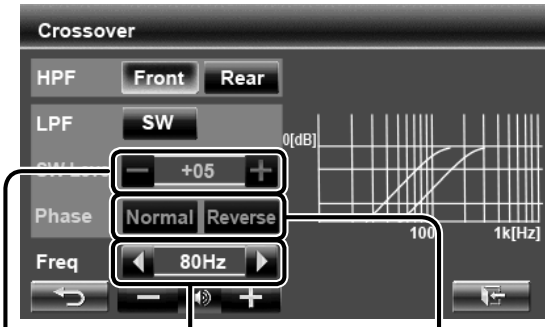


3 Select the item to adjust, then make adjustment.

Adjusts the cross over for front or rear speakers (high pass filter).



Adjusts the cross over for subwoofer (low pass filter).



Adjusts the cross over frequency.

Selects the phase for the subwoofer.*

Adjusts the subwoofer level.

* *Not selectable when* <**Freq**> *is set to* <**Through**>.

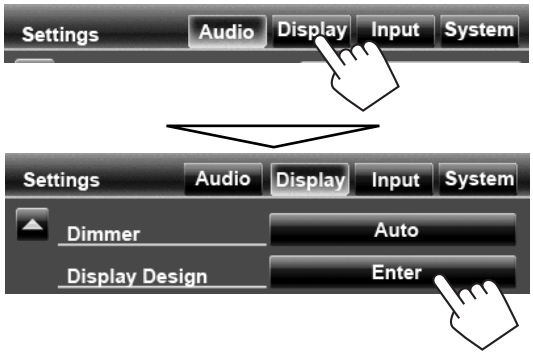
Changing display design

ENGLISH

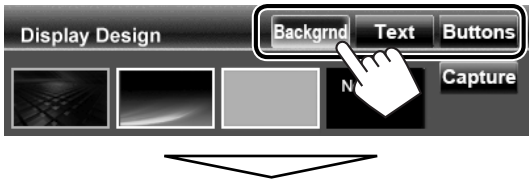
You can change the background, the color of text and touch panel buttons.

1 On <**AV Menu**>:

2



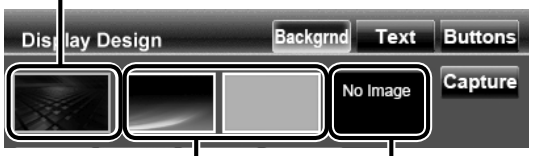
3 Select an item (<Backgrnd>, <Text> or <Buttons>), then change the setting.



Background

① Select a background

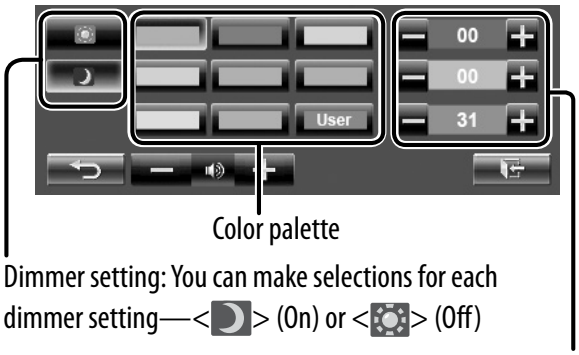
Basic image (default)



You can select a color on the color palette or adjust the color on the user color adjuster (☞ the right column)

For setting your favorite scene as the background, ☞ page 40

② Select/adjust the color



Color palette

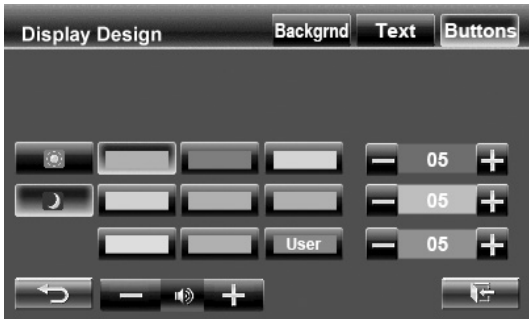
Dimmer setting: You can make selections for each dimmer setting—<> (On) or <> (Off)

User color adjuster: You can make your own color adjustment stored in <**User**>

Text/Buttons

For setting the color, ☞ above.

- On the button color selection screen, you can select a color for touch panel buttons. (When a touch panel button is pressed, the selected color is shown.)



Using your favorite scene as the background

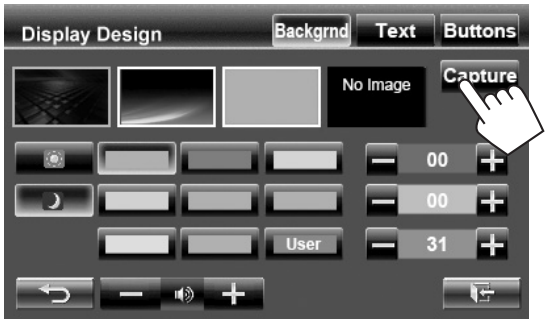
While playing a video or JPEG, you can capture an image and use the captured image as a background.

- You cannot capture copyrighted content and image from iPod/iPhone.
- When using JPEG file as the background, make sure that the resolution is 800 x 600 pixels.
- The color of the captured image may look different from that of the actual scene.

1 Play back a video or JPEG.

2 Display <Display Design>. (☞ page 39)

3



4 Adjust the image.

[►/❚❚]* Starts playback/pauses.

[❚❚►]* Advances scenes frame-by-frame.

[►] Magnifies the scene. (<**Zoom1**> – <**Zoom3**>)

[▲] [▼] [◄] [►] Moves the zooming frame.

- To cancel the capture screen, press [⮌].

* *Not displayed when playing an external component connected to LINE IN/VIDEO IN jacks.*

5 Capture the image displayed on the screen.

Confirmation message appears. Press [**Yes**] to store the newly captured image. (The existing image is replaced with the new one.)

- Press [**No**] to return to the previous screen.

Setting for video playback

ENGLISH

You can change the setting for video playback.

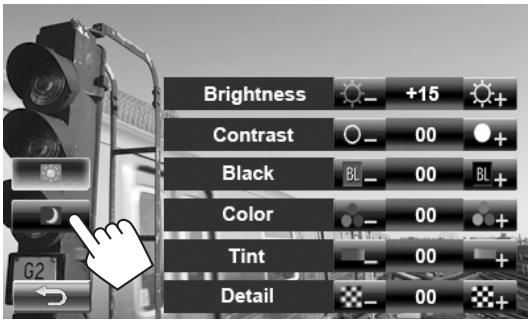
Picture adjustment

You can adjust the picture quality.

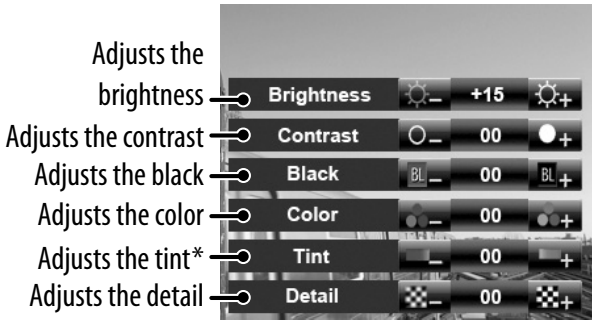
1 Touch any position of the screen other than operation buttons.

2

3 Select Dimmer On (<>) or Off (<>).



4 Adjust the picture (–15 to +15).

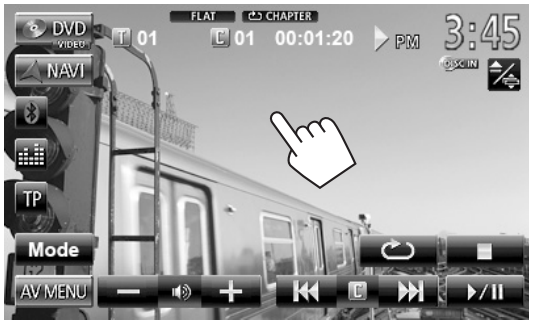


* *Adjustable only when the incoming signal is NTSC.*

Changing the aspect ratio

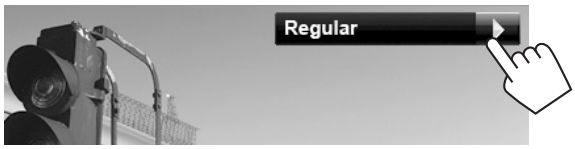
You can change the aspect ratio for video playback.

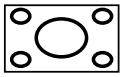
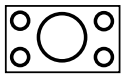
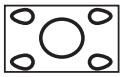
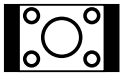
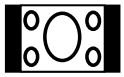
1 Touch any position of the screen other than operation buttons.



2

3



	4:3 signal	16:9 signal
Full*: For 16:9 original pictures		
Panorama: For viewing 4:3 pictures naturally on the wide screen		
Regular*: For 4:3 original pictures		
Auto:	• For "**DISC**"/"**USB**" only: Aspect ratio is automatically selected to match to the incoming signals.	

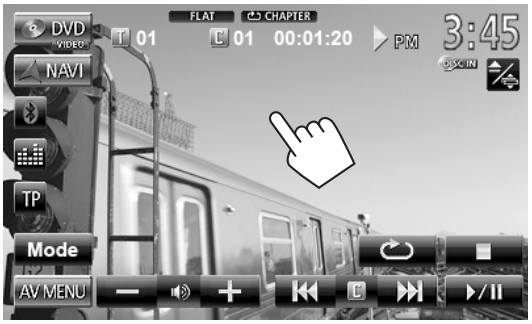
* *While DivX is played back with <**Monitor Type**> set to <**16:9**> (☞ page 23), the aspect ratio is not set correctly.*

Zooming picture

You can zoom the picture (<**Zoom1**> to <**Zoom3**>).

- When <**Aspect**> is set to <**Panorama**> or <**Auto**> (☞ left column), the picture is zoomed with the aspect ratio of the <**Full**> setting.

1 Touch any position of the screen other than operation buttons.



2

3

[▲] [▼] [◄] [►] : Moves the zooming frame.

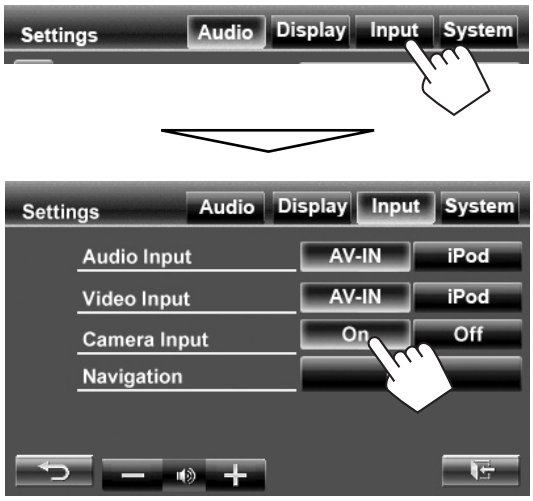
Using a rear view camera

- To use a rear view camera, the REVERSE GEAR SIGNAL lead connection is required. For connecting a rear view camera, see the Installation/Connection Manual.

Activating the rear view camera

1 On <**AV Menu**>:

2



To deactivate, select <**Off**>.

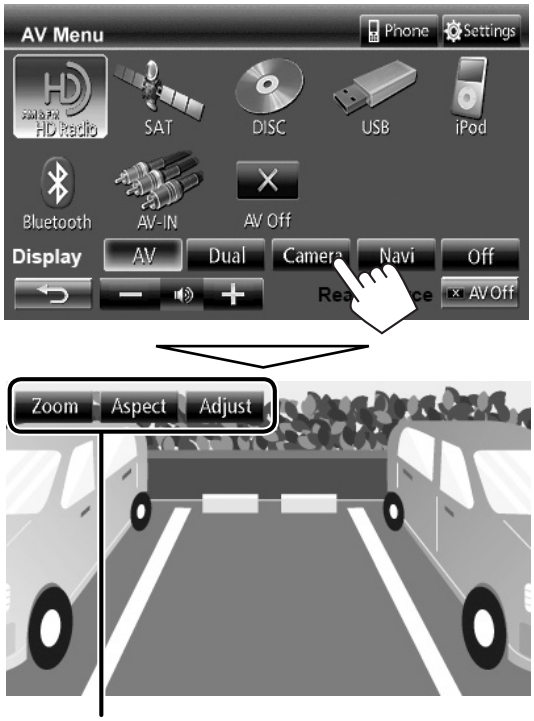
Displaying the picture from the rear view camera

The rear view screen is displayed when you shift the gear to the reverse (R) position.

- For KW-AVX840: To erase the caution message, touch the screen.

To display the picture from the rear view camera manually

On <**AV Menu**>:

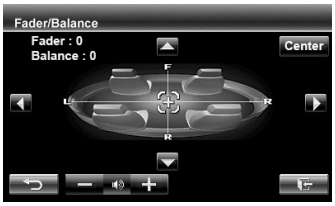


When displaying the picture from the rear view camera manually, you can change the setting of the picture. (☞ page 41)

To cancel the rear view screen, hold MENU/ATT to display <**AV Menu**>, then press [**AV**].

Setting menu items

- You cannot change <**Audio**> settings (except <**Amplifier Gain**>) when the AV source is turned off.

Menu item		Selectable setting/item — Initial: **Underlined**
Audio	**Fader/Balance** 	**Fader** : Adjust the front and rear speaker output balance. ◆ **F6** to **R6**; Initial **0** • When using a two-speaker system, set the fader to the center (**0**). **Balance** : Adjust the left and right speaker output balance. ◆ **L6** to **R6**; Initial **0** Press [▲/▼/◄/►] or drag [⊕] to adjust. • To clear the adjustment, press [**Center**].
	Equalizer	Change the sound mode or adjust and store the equalization for each source. (☞ page 37) ◆ **Flat/Natural/Dynamic/Vocal Boost/Bass Boost/Vibrant/User**
	Loudness	You can activate/deactivate the loudness function. ◆ **Off** : Cancels. ◆ **On** : Boost low and high frequencies to produce a well-balanced sound at a low volume level.
	Crossover	Adjust the cross over frequency. (☞ page 38)
	Volume Adjust	Adjust and store the auto-adjustment volume level for each source. (For discs, the adjustment is stored for each of the following categories: DVD/DVD-VR, VCD/CD, and DivX/MPEG1/MPEG2/MP3/WMA/WAV.) The volume level will automatically increase or decrease when you change the source. ◆ **–15** to **+06**; Initial **00**
	Amplifier Gain*	You can change the maximum volume level of this unit. ◆ **High** : VOL 00 to 50 ◆ **Low** : VOL 00 to 30 (Select this if the peak power of the speakers is less than 50 W.) ◆ **Off** : Deactivates the built-in amplifier. • If you change this setting from <**High**>/<**Off**> to <**Low**> while the volume level is set higher than the maximum level of <**Low**>, the unit automatically lowers the volume level to "VOL 30").

* *You can change the setting only when the AV source is turned off.*

Menu item		Selectable setting/item (Initial: **Underlined**)
Audio	**Speaker Select**	Select the size of the connected speaker. ◆ **Standard**/**Narrow**/**Middle**/**Wide**
Display	**Dimmer**	◆ **Auto** : Dims the screen and button illumination when you turn on the headlights. • The ILLUMINATION CONTROL lead connection is required. (☞ the Installation/Connection Manual) ◆ **On** : Activates dimmer. ◆ **Off** : Cancels. ◆ **Dimmer Time Set** : Sets the Dimmer On ( )/Off ( ) times. • Press [▲] or [▼] to set the time.
	Display Design	Change the display design (background, text color and touch panel button color). (☞ page 39)
	OSD Clock	◆ **On** : Displays the clock while video source is played back. ◆ **Off** : Cancels.
	Demonstration	◆ **On** : Activates the demonstration on the screen. ◆ **Off** : Cancels. (☞ page 7)
	Scroll	◆ **Auto** : Repeats scrolling. ◆ **Once** : Scrolls the displayed information once. ◆ **Off** : Cancels. • Touching an information bar scrolls the text regardless of this setting.
	GUI Adjust	Adjust the brightness and black color of the screen. Select Dimmer On ( )/Off ( ), then change the following settings: ◆ ☼**–**/☼**+** : Adjusts brightness (**–15** to **+15**; Initial **00** for Dimmer On/**+15** for Dimmer Off). ◆ **BL–/BL+** : Adjusts black (**–15** to **+15**; Initial **00**).
	NTSC/PAL	Select the color system of the external monitor. ◆ **NTSC**, **PAL**

Menu item		Selectable setting/item — Initial: **Underlined**
Display	**Display Sensor**	Change the condition for turning off/on the screen and the light of MENU/ATT button. **Sensor:** Select the condition of the screen for turning on. ◆ **Motion** : The screen turns on when your hand moves closer to the motion sensor. ◆ **Touch** : The screen turns on when your finger touches the touch panel. ◆ **Off** : The screen is always turned on while the power is turned on. **Motion Sensitiv.:** Change the sensitivity of the sensor for <**Sensor**>. (☞ above) ◆ **High**, Low **Time Out Mode:** Select the condition of the screen when no operation is performed for about 10 seconds while <**Sensor**> is set to <**Motion**> or <**Touch**>. (☞ above) ◆ **Simple** : Source control buttons are displayed, and the light of MENU/ATT button is turned off. ◆ **Backgrnd** : The background and clock are shown, and the light of MENU/ATT button is turned off. • You can change the background. (☞ page 39) ◆ **Black Out** : The screen and the light of MENU/ATT button are turned off.
Input	**Audio Input***[1]	You can determine the use of LINE IN jacks. ◆ **AV-IN** : Select to listen to the music from an audio component such as a portable audio player.*[2] ◆ **iPod** : Select when connecting the iPod/iPhone using the USB Audio and Video cable for iPod/iPhone. (☞ page 26)
	Video Input*[1]	You can determine the use of VIDEO IN jack. ◆ **AV-IN** : Select to watch the video from an AV component such as a camcorder.*[2] ◆ **iPod** : Select when connecting the iPod/iPhone using the USB Audio and Video cable for iPod/iPhone. (☞ page 26)
	Camera Input	◆ **On** : Displays the picture from rear view camera when you shift the gear to the reverse (R) position. ◆ **Off** : Cancels.
	Navigation	Change the navigation settings. (☞ page 30)

*[1] *You can change the setting only when the AV source is turned off.*

*[2] *When you watch a video of an AV component, select* <**AV-IN**> *for both* <**Audio Input**> *and* <**Video Input**>.

Menu item		Selectable setting/item Initial: **Underlined**
System	**Text Language***	Select the text language used for on-screen information. ◆ **English**/**Spanish**/**French**/**German**/**Italian**/**Dutch**/**Swedish**/**Danish**/**Russian**/**Portuguese**
	GUI Language	Select the language (<**English**> or <**Local**>: the language selected above) used on operation buttons and menu items.
	Time Set	Adjust the clock time. (☞ page 7)
	Beep	Change the volume of the key-touch tone. ◆ **On** : Activates the key-touch tone. ◆ **Off** : Cancels.
	User Profile	You can memorize, recall, or clear the settings you have made. (☞ page 48)
	Initialize	Initialize all settings you have made. Hold [**Enter**] to initialize the settings. • When restoring the settings, adjust the settings on the <**Initial Settings**> screen. (☞ page 6)
	Serial Number	Displays the serial number.
	Touch Panel Adjust	Adjust the touch position of the buttons on the screen. (☞ page 48)
	DivX(R) VOD Only for KW-AVX840	This unit has its own Registration Code. Once you have played back a file with which the Registration Code recorded, this unit's Registration Code is overwritten for copyright protection. • Press [**Enter**] to display the information. • To return to the previous screen, press [**OK**].

* *"Please Detach Front Panel" appears when the setting is changed. Detach the monitor panel then attach it to enable the change.*

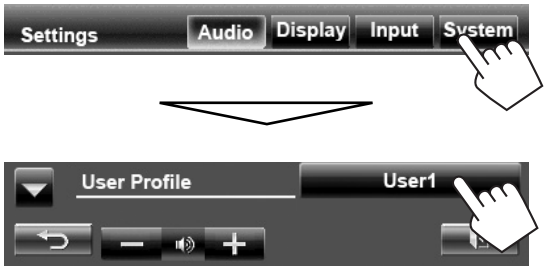
ENGLISH

Memorizing/recalling the settings

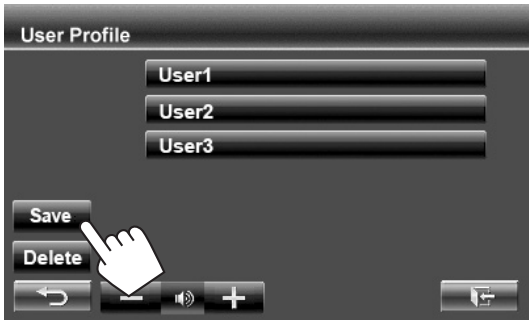
You can memorize the settings changed in the <**Settings**> menu and recall the memorized settings anytime.

Memorizing your settings

1 On <**Settings**>:



2

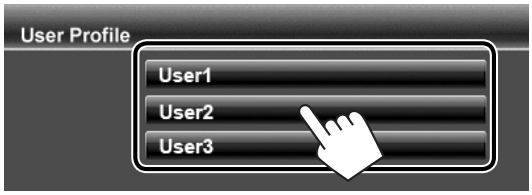


3 Select an item (<User1>, <User2> or <User3>) to memorize the settings.

A confirmation message appears. Press [**Yes**].

Recalling your settings

On <**User Profile**> (☞ Step **2** above):



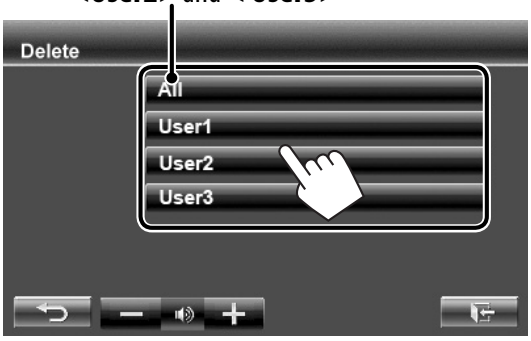
A confirmation message appears. Press [**Yes**].

Clearing your settings

1 On <**User Profile**> (☞ Step **2** above):

2

Clears all settings memorized in <**User1**>, <**User2**> and < **User3**>

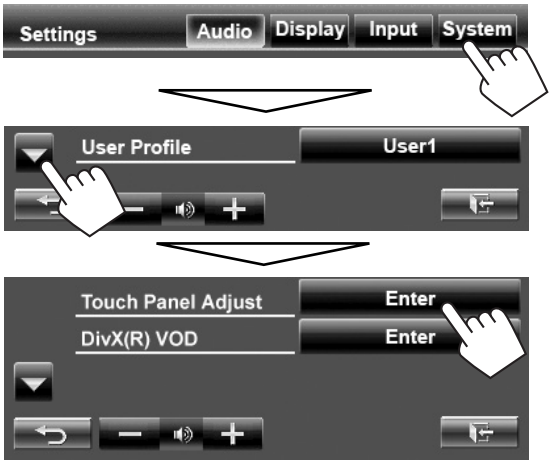


A confirmation message appears. Press [**Yes**].

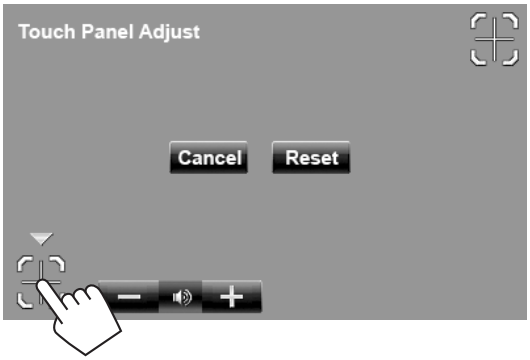
Adjusting the touch position

You can adjust the touch position on the touch panel if the position touched and the operation performed do not match.

1 On <**Settings**>:



2 Touch the center of the marks at the lower left and at the upper right as instructed.



- To cancel, press [**Cancel**].
- To reset to the initial setting (center position), press [**Reset**].

BLUETOOTH OPERATIONS

Information for using Bluetooth® devices

- While driving, do not perform complicated operation such as dialing the numbers, using phone book, etc. When you perform these operations, stop your car in a safe place.
- Some Bluetooth devices may not be connected to this unit depending on the Bluetooth version of the device.
- This unit may not work for some Bluetooth devices.
- Connecting condition may vary depending on circumstances around you.
- When the unit is turned off, the device is disconnected.

Bluetooth Information: If you wish to receive more information about Bluetooth, visit the following JVC web site: <http://www.jvc.co.jp/english/car/> (English website only)

Bluetooth operations

Bluetooth®

Bluetooth is a short-range wireless radio communication technology for the mobile device such as mobile phones, portable PCs, and other devices. The Bluetooth devices can be connected without cables and communicate with each other.

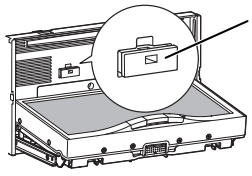
- Refer to pages i and ii at the end of manual to check the countries where may use the Bluetooth® function.

Bluetooth profile

This unit supports the following Bluetooth profiles;

- HFP (Hands-Free Profile) 1.5
- OPP (Object Push Profile) 1.1
- A2DP (Advanced Audio Distribution Profile) 1.2
- AVRCP (Audio/Video Remote Control Profile) 1.3
- PBAP (Phonebook Access Profile) 1.0

When shipped from the factory, the Bluetooth adapter (KS-UBT1) is inserted.



- Keep the Bluetooth adapter inserted when using the Bluetooth function.
- This port is designed for the use with KS-UBT1 only. Other Bluetooth adapters or USB devices cannot be used.

ENGLISH

Connecting a new Bluetooth device for the first time

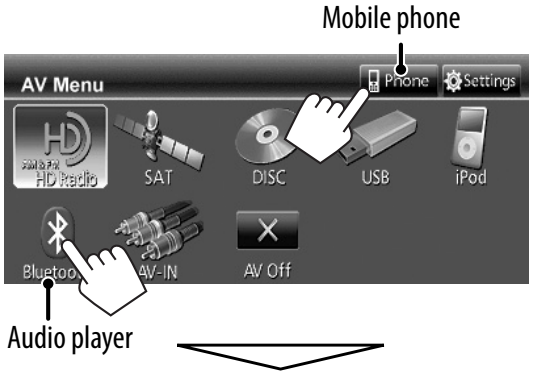
When you connect a Bluetooth device to the unit for the first time, make pairing between the unit and the device. Pairing allows Bluetooth devices to communicate each other.

To make pairing, you may need to enter the PIN (Personal Identification Number) code of your Bluetooth device you want to connect.

- Once the connection is established, it is registered in the unit even if you reset the unit. Up to 5 devices can be registered in total.
- Only one device for Bluetooth phone and one for Bluetooth audio can be connected at a time.
- To use the Bluetooth function, you need to turn on Bluetooth function of the device.

1 Display the Bluetooth setting screen.

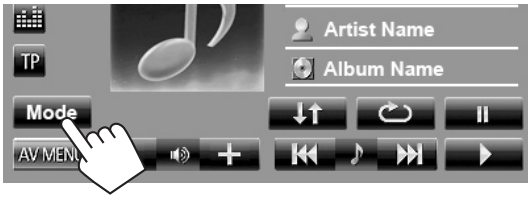
On <**AV Menu**>:



For connecting a Bluetooth mobile phone

The phone setting screen is displayed.

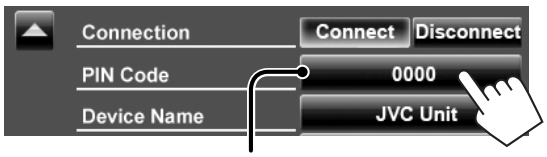
For connecting a Bluetooth audio player



<**Mode**> is displayed.

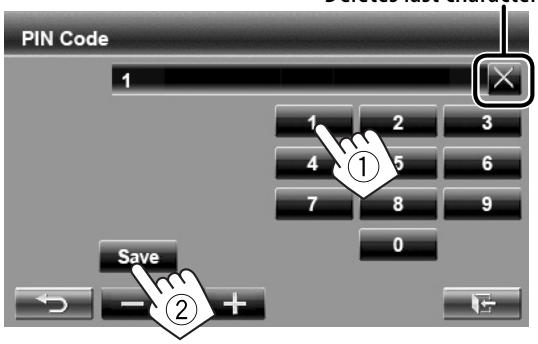
2 Change the PIN code.

- If you skip changing PIN code, go to step **3**.

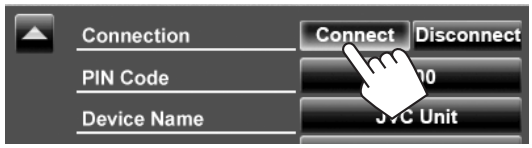


PIN code (initial: 0000)

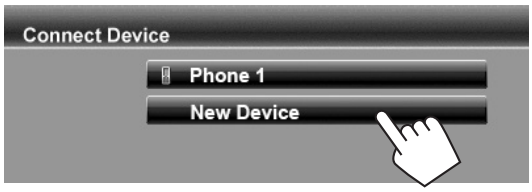
Deletes last character



3



4



Cancel

5 Operate the Bluetooth device to connect.

"Connected" appears. Press [**OK**] to confirm the operation.

Now connection is established and you can use the Bluetooth device through the unit.

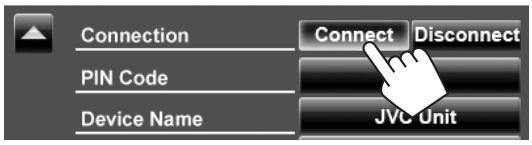
Connecting/disconnecting a registered Bluetooth device

1 Display the Bluetooth setting screen.

(☞ page 50)

- For Bluetooth mobile phone: Phone setting screen
- For Bluetooth audio player: <**Mode**>

2 To connect

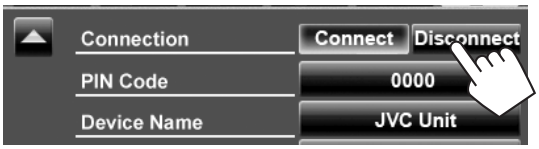


Select the device you want to connect.

"Connected" appears. Press [**OK**] to confirm the operation.

- All registered devices (mobile phone and audio player) are listed on <**Connect Device**>.
  - Selectable items depend on the device you are operating.
- When a mobile phone is connected, holding [ ] on the source control screen switches between the last connected mobile phone and current one.

To disconnect

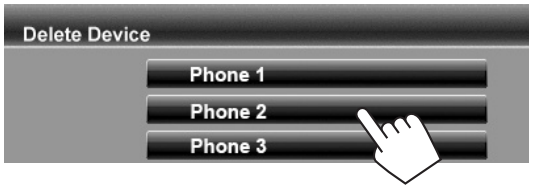


A confirmation message appears. Press [**Yes**].

Deleting a registered Bluetooth device

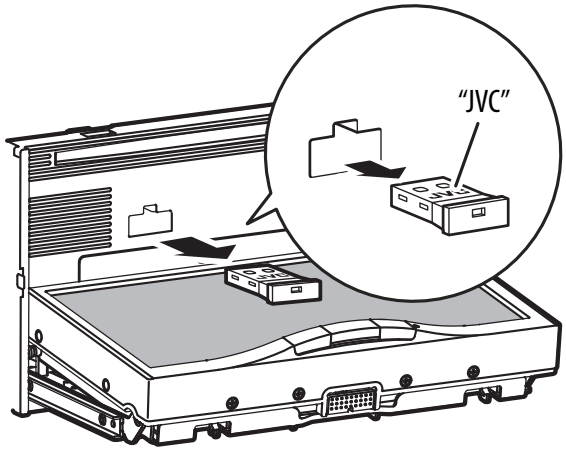
1 On <**Connect Device**> (☞ Step **2** on the left column):

2 Select a device to delete the registration.



Confirmation message appears. Press [**Yes**].

To detach the Bluetooth adapter



- Store the Bluetooth adapter in the supplied bag.
- When inserting the Bluetooth adapter again, insert it firmly with the JVC logo facing up.

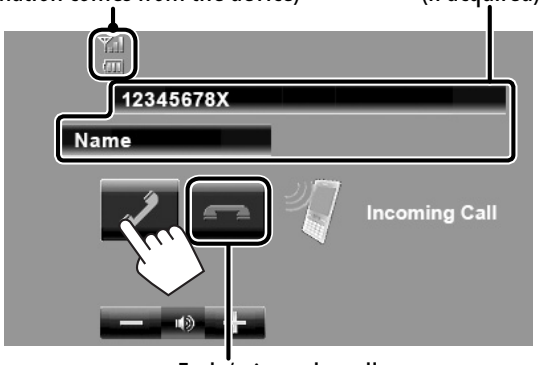
Using the Bluetooth mobile phone

Receiving a call

When a call comes in/making a call...

Status of the device/Battery reminder (only when the information comes from the device)

Call information (if acquired)



Ends/rejects the call

- Phone operation is not available while the picture from the rear view camera is displayed. (☞ page 43)

When <Auto Answer> is set to <On>

The unit answers the incoming call automatically. (☞ page 57)

Adjusting the volume of calls/ earpiece/microphone

While talking...

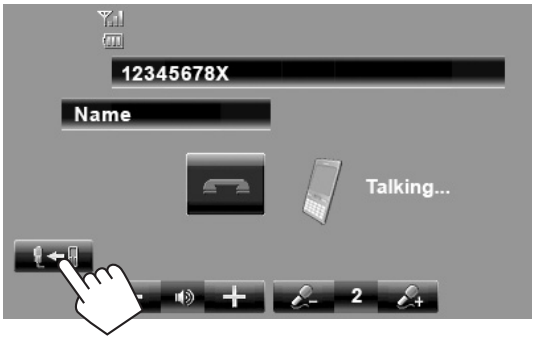
Adjusts the volume of calls/earpiece

Adjusts the microphone volume

- This adjustment does not affect the volume level of the other sources.

Switching between handsfree mode and phone mode

While talking...



Each time you press the button, the talking method is switched (: handsfree mode / : phone mode).

Checking SMS reception

If the mobile phone is compatible with SMS (Short Message Service), the unit tells you a message has been received.

- The ring tone sounds only when the sorce is "**BT Audio**."

To read a received message, operate the mobile phone after stopping the car in a safe place.

- You cannot read, edit, or send a message through the unit.

Making a call

1 On the source control screen:

- You can also display the phone control screen by pressing [**Phone**] on <**AV Menu**>.

2 Select a method to make a call.

Direct number entry (☞ below)

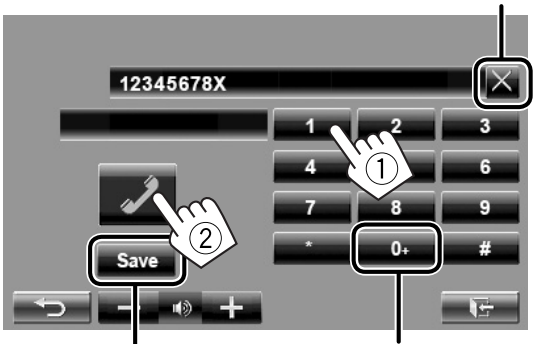
Preset list/call lists/phone book (☞ the right column)

Preset list (For presetting, ☞ page 54)

Voice dialing (☞ the right column)

Direct number entry

Deletes last character



Hold: Adds "+"

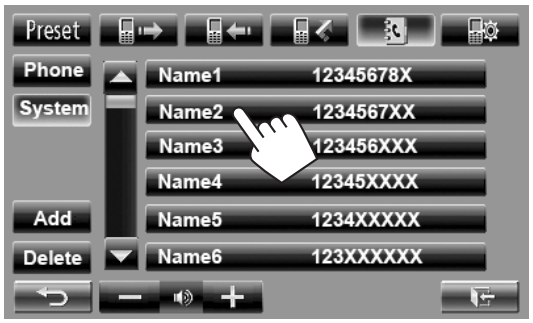
Presets the entered phone number on the preset list (☞ page 54)

- You can enter up to 32 numbers.

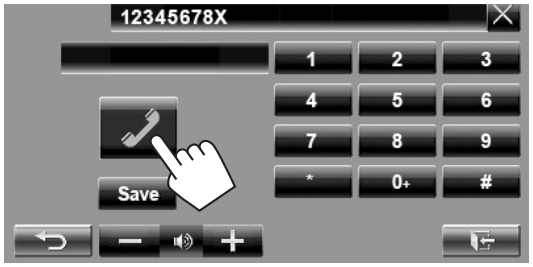
Using the preset list/phone book/call lists

1

Preset	From preset list
	From dialled call list.
	From received call list.
	From missed call list.
	From phone book. • For copying the phone book, ☞ page 54.

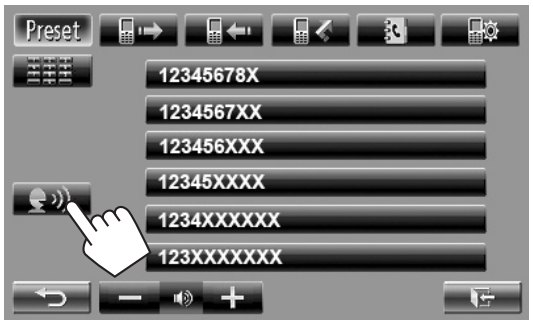


2



Voice Dialing

- Available only when the connected mobile phone has the voice recognition system.



Speak the name you want to call.

- **To cancel,** press [**Cancel**].

ENGLISH

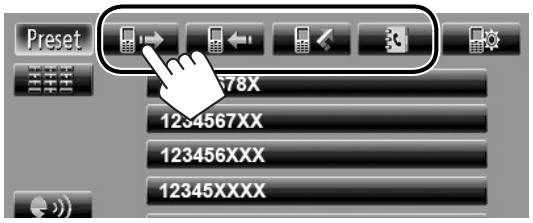
ENGLISH

Presetting the phone numbers

You can preset up to 6 phone numbers.

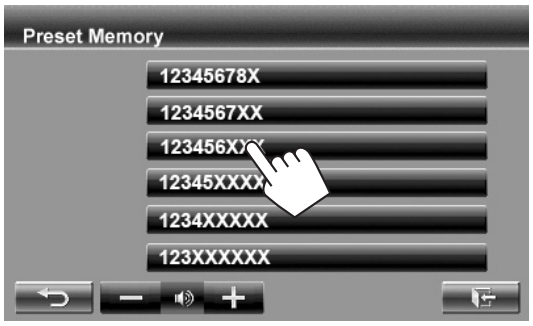
1 On the source control screen:

2 Select an item from phone book/call lists.



3 Select a phone number.

4 Select a preset number to store.



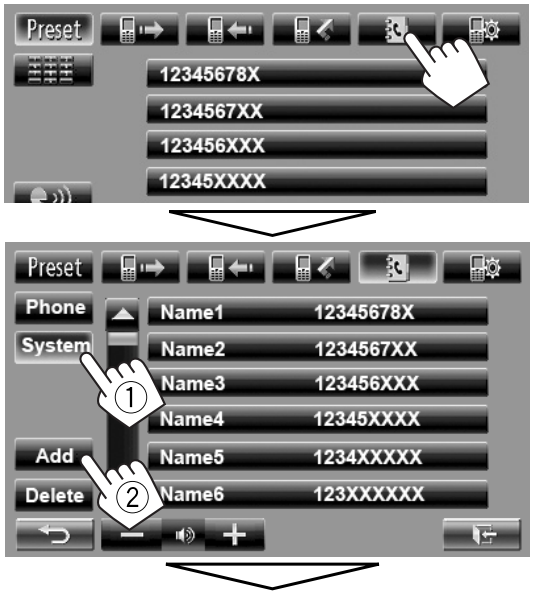
- You can also preset a phone number entered on the direct number entry screen by pressing [**Save**]. (☞ page 53)

Copying the phone book

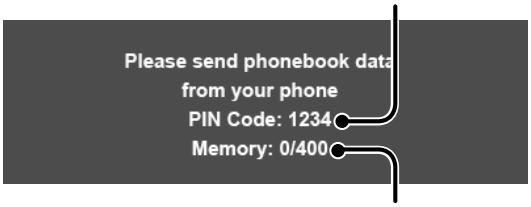
You can copy the phone book memory of a mobile phone into the unit (up to 400 memories).

1 On the source control screen:

2



PIN code (initial: 0000)



Numbers of the phone book memories copied

3 Operate the target mobile phone.

- Refer to the instruction manual supplied with your mobile phone.
- **To cancel the transfer,** press [**Finish**].

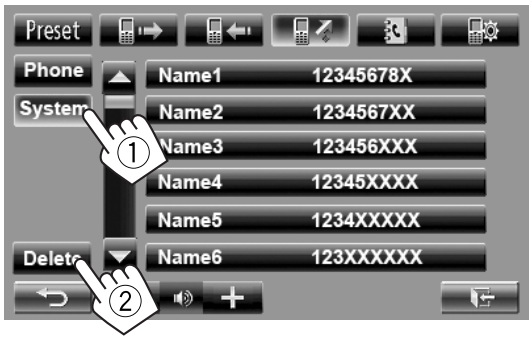
4 Finish the procedure.

The phone book memory is copied from the mobile phone.

Deleting the phone number memory in the unit

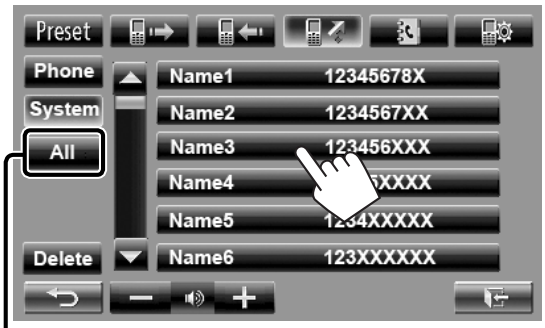
1 Display the preset list/phone book/call list you want to delete. (☞ page 53)

2



- You cannot delete data when <**Phone**> is selected.

3 Select the item you want to delete.



Delete all the numbers/names in the selected item

A confirmation message appears. Press [**Yes**].

About mobile phone compatible with Phone Book Access Profile (PBAP)

If your mobile phone supports PBAP, the phone book and call lists are automatically copied to the unit when the mobile phone is connected.

- Phone book: up to 5 000 entries
- Dialled calls, received calls, and missed calls: up to 50 entries each

To display the phonebook/call lists of the mobile phone or the unit

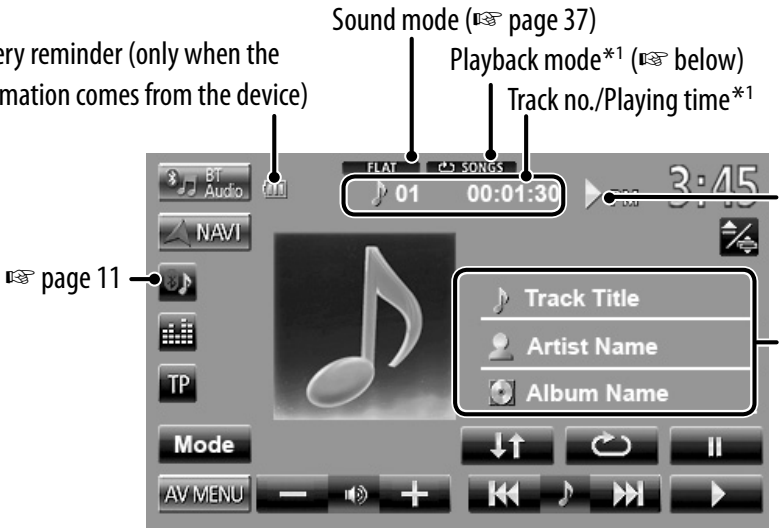
Connected mobile phone

Unit

ENGLISH

Using the Bluetooth audio player

- To register a new device, ☞ page 50.
- To connect/disconnect a device, ☞ page 51.



- The operation buttons, indications and information displayed on the screen differ depending on the connected device.

[↻]	Selects Repeat playback mode.*1*2	[–] [+]	Adjusts the volume.
[⇅]	Selects Random playback mode.*1*2	[**Mode**]	Displays the Bluetooth setting screen. (☞ page 57)
[►]	Starts playback.	[**AV MENU**]	Displays <**AV Menu**> screen.
[❚❚]	Pauses.		
[I◄◄] [►►I]	• Selects track. (Press) • Reverse/forward search. (Hold)		

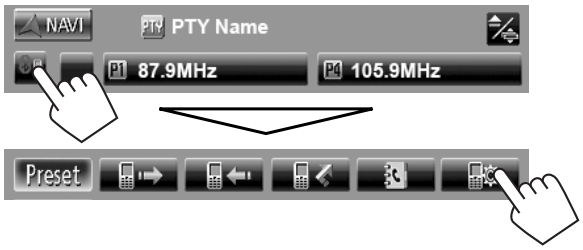
*1 *Available only for the devices compatible with AVRCP 1.3.*

*2 *To cancel random or repeat mode, press the button repeatedly until the indicator disappears.*

Bluetooth device settings

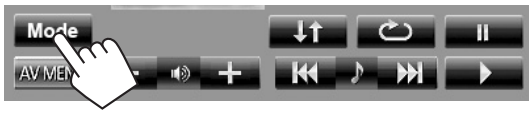
ENGLISH

Mobile phone



Bluetooth audio player

On "**BT Audio**" source control screen:



Menu items	Selectable setting/item	Initial: **Underlined**
Connection	◆ **Connect** : ☞ page 51 ◆ **Disconnect** : ☞ page 51	
PIN Code	Changes the PIN code of the unit. • Touch the current PIN code, enter a new PIN code, then press [**Save**].	
Device Name	Shows the device name to be shown on the Bluetooth device — "JVC Unit."	
Device Address	Shows the MAC address of the unit.	
Phone Device*1	Shows the phone device name.	
Audio Device*2	Shows the audio device name.	
Auto connect	◆ **Off** : Cancels. ◆ **On** : The connection is automatically established with the last connected Bluetooth device when the unit is turned on.	
HF/Audio Output	Select the speakers used for Bluetooth (both phone use and audio player). ◆ **Front** : From front speakers only. ◆ **All** : From all speakers.	
Initialize	Hold [**Enter**] to initialize all settings you have made for using Bluetooth mobile phone and Bluetooth audio player.	
Auto Answer*1	◆ **Off** : The unit does not answer the calls automatically. Answer the calls manually. ◆ **On** : The unit answers the incoming calls automatically.	
SMS Notify*1	◆ **Off** : The unit does not inform you of the arrival of a message. ◆ **On** : The unit informs you of the arrival of a message by ringing and displaying "Receiving Message."	
Ring Mode*1	◆ **System** : Selects the ring tone set on the unit. ◆ **Phone** : Selects the ring tone set on the mobile phone. (This function may not work depending on the mobile phone.)	
Ring Tone Change*1	When <**Ring Mode**> is set to <**System**>, press [**Enter**], then select the ring tone for received calls and SMS from <**Tone1**>, <**Tone2**>, <**Tone3**>. ◆ **Call Tone** : Selects the ring tone for phone calls. ◆ **Message Tone** : Selects the ring tone for SMS.	

*1 *Appears only for the phone setting screen.*

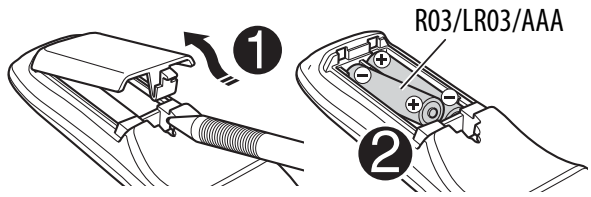
*2 *Appears only for <**Mode**> while "**BT Audio**" is selected as the source.*

REFERENCE

Using the remote controller (Only for KW-AVX848)

For KW-AVX840: To use the remote controller, purchase RM-RK252P separately.

Installing the batteries



Insert the batteries into the remote controller by matching the polarity (+ and –) correctly.

Caution:

- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Battery shall not be exposed to excessive heat such as sunshine, fire, or the like.

If the effectiveness of the remote controller decreases, replace the batteries.

Before using the remote controller:

- Aim the remote controller directly at the remote sensor on the unit.
- DO NOT expose the remote sensor to bright light (direct sunlight or artificial lighting).

The unit is equipped with the steering wheel remote control function.

- See the Installation/Connection Manual (separate volume) for connection.
- Operations may differ depending on the types of the steering wheel remote control.

Operations using the remote controller (RM-RK252)

Button	Operations
ATT / ⏻/ |	Attenuates/restores the sound.
DISP	Does not function for this unit.
▲ / ▼	• Tuner: Selects the preset stations. • HD Radio*1: Selects a multicast channel. • Satellite radio *1: Selects a category. • Selects a title/item/folder.

Button	Operations
⏮ ⏭ / ⌄ ⌃	• Tuner/HD Radio*1 : – Searches for stations automatically. – Searches for stations manually. (Hold) • Satellite radio*1 : – Selects a channel. – Selects a channel rapidly. (Hold) • Selects track. • Reverse search/forward search. (Hold)
◄◄ / ►►	• Reverse search/forward search. • DVD-Video/DVD-VR/VCD: Slow motion playback (during pause). – DVD-VR/VCD: Reverse slow motion does not work.

Button	Operations
VOL +/VOL –	• Adjusts the volume level. • "2nd VOL" function does not work for this unit.
SOURCE	Selects the source.
▶/❚❚	Starts/pauses*2 playback.
PHONE /	Answers incoming calls.
BAND / ■/	• Selects the bands. • Stops playback. • Ends the call. • Pauses playback of Bluetooth audio.
0 – 9 (☞ page 60)	• Enters a number while holding SHIFT. • "SETUP" function does not work for this unit.
1 – 6	Enters preset station number while holding SHIFT.
ASPECT	Changes the aspect ratio. • To check the current aspect ratio setting, operate on the touch panel. (☞ page 42)
RETURN	Returns to the previous screen.
TOP M (☞ page 60)	• DVD-Video: Shows the disc menu. • DVD-VR: Shows the Original Program screen. • VCD: Resumes PBC playback.
MENU (☞ page 60)	• DVD-Video: Shows the disc menu. • DVD-VR: Shows the Playlist screen. • VCD: Resumes PBC playback.
△/▽/◁/▷	• DVD-Video: Makes selection/ settings. • DivX*1: Skips back or forward by about 5 minutes.

Button	Operations
ENT	Confirms selection.
OSD/✱	Does not function for this unit.
DUAL/#	Does not function for this unit.
SHIFT	Functions with other buttons.
DIRECT/CLR	• Enters direct search mode when pressed with SHIFT button. (☞ page 60) • Erases the misentry when pressed with SHIFT button. • "SURROUND" function does not work for this unit.

*1 *Only for KW-AVX840.*

*2 *Does not work while listening to Bluetooth audio.*

Searching for an item directly

Tuner frequency

1. Press DIRECT while holding SHIFT to enter the search mode.
2. Press number buttons while holding SHIFT to enter a frequency.
   - To erase a misentry, press CLR (clear) while holding SHIFT.
3. Press ENT to confirm the entry.

DVD-Video/DVD-VR/DivX/MPEG1/MPEG2/JPEG/ MP3/WMA/WAV/VCD/CD

1. Press DIRECT while holding SHIFT to enter the search mode.
   - Each time you press DIRECT, the item to search for changes.
2. Press a number button while holding SHIFT to select a desired item.
   - To erase a misentry, press CLR (clear) while holding SHIFT.
3. Press ENT to confirm the selection.

Various disc operations

Using the disc menu

- **DVD-Video/DVD-VR**

1. For DVD Video, press TOPM or MENU.
   For DVD-VR, press...
   TOP M: To display Original Program
   MENU: To display Playlist
2. Press △/▽ / ◁/▷ to select an item you want to start play.
3. Press ENT to confirm the selection.

- **VCD**

During PBC playback...

1. Press DIRECT while holding SHIFT to enter the search mode.
2. Press a number button while holding SHIFT to select the item you want to play.
3. Press ENT to confirm the selection.

- To return to the previous screen, press RETURN.

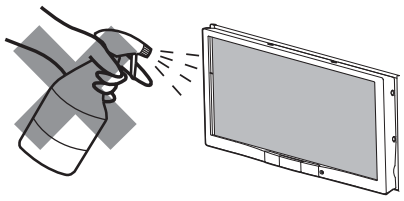
To cancel PBC playback

1. Press ■ to stop PBC playback.
2. Press DIRECT while holding SHIFT.
3. Press a number button while holding SHIFT to select a desired track.
4. Press ENT to confirm the selection.

- To resume PBC, press TOP M or MENU.

Maintenance

Caution on cleaning the unit

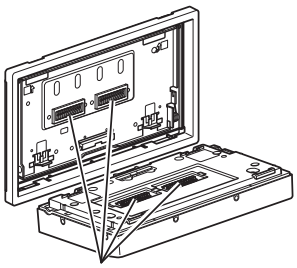


Do not use any solvent (for example, thinner, benzine, etc.), detergent, or insecticide. This may damage the monitor or the unit.

Recommended cleaning method:

Gently wipe the panel with a soft, dry cloth.

How to clean the connector



Connectors

Frequent detachment will deteriorate the connectors.

To minimize this possibility, periodically wipe the connectors with a cotton swab or cloth moistened with alcohol, being careful not to damage the connectors.

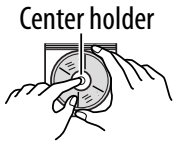
Moisture condensation

Moisture may condense on the lens inside the unit in the following cases:

- After starting the heater in the car.
- If it becomes very humid inside the car.

Should this occur, the unit may malfunction. In this case, eject the disc and leave the unit turned on for a few hours until the moisture evaporates.

How to handle discs



Center holder

When removing a disc from its case, press down the center holder of the case and lift the disc out, holding it by the edges.

- Always hold the disc by the edges. Do not touch its recording surface.

When storing a disc in its case, gently insert the disc around the center holder (with the printed surface facing up).

- Make sure to store discs in their cases after use.

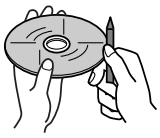
To keep discs clean

A dirty disc may not play correctly.

If a disc does become dirty, wipe it with a soft cloth in a straight line from center to edge.

- Do not use any solvents (for example, conventional record cleaner, spray, thinner, benzine, etc.) to clean discs.

To play new discs



New discs may have some rough spots around the inner and outer edges. If such a disc is used, this unit may reject the disc.

To remove these rough spots, rub the edges with a pencil or ball-point pen, etc.

Do not use the following discs:

3 inch disc

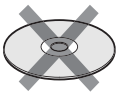
Warped disc

Sticker and sticker residue

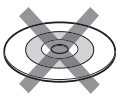
Stick-on label

Unusual shape

C-thru Disc (semi-transparent disc)



Transparent or semi-transparent parts on its recording area



More about this unit

File playback

Playing DivX files (for discs only)

- This unit can play back DivX files with the extension code <.divx>, <.div>, or <.avi> (regardless of the letter case—upper/lower).
- Audio stream should conform to MP3 or Dolby Digital.
- The file encoded in the interlaced scanning mode may not be played back correctly.
- The maximum bit rate for video signals (average) is 4 Mbps.

Playing MPEG1/MPEG2 files

- This unit can play back MPEG1/MPEG2 files with the extension code <.mpg>, <.mpeg>, or <.mod>.
- The stream format should conform to MPEG system/program stream.
  The file format should be MP@ML (Main Profile at Main Level)/SP@ML (Simple Profile at Main Level)/MP@LL (Main Profile at Low Level).
- Audio streams should conform to MPEG1 Audio Layer-2 or Dolby Digital.
- The maximum bit rate for video signals (average) is 4 Mbps.

Playing JPEG files

- This unit can play back JPEG files with the extension code <.jpg>, or <.jpeg>.
- This unit can play back JPEG files that are at 32 x 32 to 8 192 x 7 680 resolution.
  It may take time to display the file depending on its resolution.
- This unit can play back baseline JPEG files.
  Progressive JPEG files or lossless JPEG files cannot be played.

JVC bears no responsibility for any loss of data in an iPod/iPhone and USB mass storage class device while using this unit.

Playing MP3/WMA/WAV files

- This unit can play back files with the extension code <.mp3>, <.wma>, or <.wav> (regardless of the letter case—upper/lower).
- This unit can play back the files meeting the conditions below:
  – Bit rate:
    MP3/WMA: 32 kbps — 320 kbps
  – Sampling frequency:
    48 kHz, 44.1 kHz, 32 kHz (for MPEG1)
    24 kHz, 22.05 kHz, 16 kHz (for MPEG2)
    48 kHz, 44.1 kHz, 32 kHz, 22.05 kHz (for WMA)
    44.1 kHz (for WAV)
- This unit can show ID3 Tag Version 1.0/1.1/2.2/2.3/2.4 (for MP3).
- This unit can also show WAV/WMA Tag.
- This unit can play back files recorded in VBR (variable bit rate).
- Files recorded in VBR have a discrepancy in elapsed time indication.
- This unit cannot play back the following files:
  – MP3 files encoded with MP3i and MP3 PRO format.
  – MP3 files encoded with Layer 1/2.
  – WMA files encoded with lossless, professional, and voice format.
  – WMA files which are not based upon Windows Media® Audio.
  – WMA files copy-protected with DRM.

Sound signals emitted through the rear terminals

Through the analog terminals (Speaker out/REAR OUT/FRONT OUT)

2-channel signal is emitted. When playing multi-channel encoded disc, multi-channel signals are downmixed.

Language codes (for DVD/DivX language selection)

Code	Language	Code	Language	Code	Language	Code	Language
AA	Afar	GL	Galician	MI	Maori	SO	Somali
AB	Abkhazian	GN	Guarani	MK	Macedonian	SQ	Albanian
AF	Afrikaans	GU	Gujarati	ML	Malayalam	SR	Serbian
AM	Ameharic	HA	Hausa	MN	Mongolian	SS	Siswati
AR	Arabic	HI	Hindi	MO	Moldavian	ST	Sesotho
AS	Assamese	HR	Croatian	MR	Marathi	SU	Sundanese
AY	Aymara	HU	Hungarian	MS	Malay (MAY)	SW	Swahili
AZ	Azerbaijani	HY	Armenian	MT	Maltese	TA	Tamil
BA	Bashkir	IA	Interlingua	MY	Burmese	TE	Telugu
BE	Byelorussian	IE	Interlingue	NA	Nauru	TG	Tajik
BG	Bulgarian	IK	Inupiak	NE	Nepali	TH	Thai
BH	Bihari	IN	Indonesian	NO	Norwegian	TI	Tigrinya
BI	Bislama	IS	Icelandic	OC	Occitan	TK	Turkmen
BN	Bengali, Bangla	IW	Hebrew	OM	(Afan) Oromo	TL	Tagalog
BO	Tibetan	JA	Japanese	OR	Oriya	TN	Setswana
BR	Breton	JI	Yiddish	PA	Panjabi	TO	Tonga
CA	Catalan	JW	Javanese	PL	Polish	TR	Turkish
CO	Corsican	KA	Georgian	PS	Pashto, Pushto	TS	Tsonga
CS	Czech	KK	Kazakh	QU	Quechua	TT	Tatar
CY	Welsh	KL	Greenlandic	RM	Rhaeto-Romance	TW	Twi
DZ	Bhutani	KM	Cambodian	RN	Kirundi	UK	Ukrainian
EL	Greek	KN	Kannada	RO	Rumanian	UR	Urdu
EO	Esperanto	KO	Korean (KOR)	RW	Kinyarwanda	UZ	Uzbek
ET	Estonian	KS	Kashmiri	SA	Sanskrit	VI	Vietnamese
EU	Basque	KU	Kurdish	SD	Sindhi	VO	Volapuk
FA	Persian	KY	Kirghiz	SG	Sangho	WO	Wolof
FI	Finnish	LA	Latin	SH	Serbo-Croatian	XH	Xhosa
FJ	Fiji	LN	Lingala	SI	Singhalese	YO	Yoruba
FO	Faroese	LO	Laothian	SK	Slovak	ZU	Zulu
FY	Frisian	LT	Lithuanian	SL	Slovenian		
GA	Irish	LV	Latvian, Lettish	SM	Samoan		
GD	Scots Gaelic	MG	Malagasy	SN	Shona		

- Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.
- "DVD Logo" is a trademark of DVD Format/Logo Licensing Corporation registered in the US, Japan and other countries.
- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- "Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
- This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.
- Font for this product is designed by Ricoh.
- The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Victor Company of Japan, Limited (JVC) is under license. Other trademarks and trade names are those of their respective owners.

Only for KW-AVX840:

- Ready to receive HD Radio broadcasts when connected to the KT-HD300, sold separately
- SIRIUS, XM and SAT Radio Ready, and related marks are registered trademarks of SIRIUS XM Radio Inc. All rights reserved.
- DivX®, DivX Certified® and associated logos are trademarks of DivX, Inc. and are used under license.
- ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX video.
- ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

SAFETY INSTRUCTIONS

Use of the iPhone Navigation App is only permitted if the traffic conditions are suitable and you are absolutely sure that no risk, obstruction or injury will be incurred to you, your passengers or other road users. The requirements of the Road Traffic Regulations must always be followed and may vary by state. The destination must not be entered while the vehicle is in motion.

iPhone Navigation guidance may not be applicable to the current situation because of changes in traffic conditions (e.g. changes in tollroads, principal roads, one-way traffic, or other traffic regulations). In this case, observe the current traffic signs or regulations.

- Traffic signs should be observed carefully while driving using the iPhone Navigation App. iPhone Navigation App is only an aid. Driver must always decide whether or not to heed the information provided. **JVC does not accept liability for erroneous data provided by the iPhone Navigation App.**
- **Do not operate the unit while driving.**

Troubleshooting

What appears to be trouble is not always serious. Check the following points before calling a service center.

- For operations with the external components, refer also to the instructions supplied with the adapters used for the connections (as well as the instructions supplied with the external components).
- Messages (enclosed in " ") in the tables below are shown in the language selected on <**Text Language**> (☞ page 47). Messages described here are in the language of this manual.

If the following messages appear

Message	Remedy/Cause
"No Signal"	• Start the playback on the external component connected to VIDEO IN jack. • Check the cords and connections. • Signal input is too weak.
"Miswiring Check wiring connection and then reset unit" "Warning Check wiring connection and then reset unit"	A speaker cord has shorted or it has come in to contact with the car chassis. Wire or insulate the speaker cord as appropriate, then reset the unit (☞ page 3). See also the Installation/Connection Manual.
"Parking Brake"	No playback picture is shown when the parking brake is not engaged.
"Eject Error" "Loading Error"	Eject the disc forcibly. (☞ page 3)
"Restricted Device"	Check whether the connected iPod/iPhone is compatible with this unit. (☞ page 26)
"USB Device Error"	• The USB power voltage is abnormal. • Turn off and turn on the unit. • Connect another USB device.
"No BT Dongle"	Bluetooth adapter (KS-UBT1) is removed.
"Connection Error"	The device is registered but the connection has failed. Connect the registered device. (☞ page 51)
"Please Wait..."	The unit is preparing to use the Bluetooth function. If the message does not disappear, turn off and turn on the unit, then connect the device again (or reset the unit).
"No Voice Device"	The connected mobile phone does not have the voice recognition system.
"No Data"	No phone book data is contained in the connected Bluetooth phone.
"Initialize Error"	The unit has failed to initialize the Bluetooth module. Try the operation again.
"Dial Error"	Dialing has failed. Try the operation again.
"Hung Up Error"	The call has not ended yet. Park your car, and use the connected mobile phone to end the call.
"Pick Up Error"	The unit has failed to receive a call.
"Pairing Error"	Pairing between the unit and Bluetooth device has failed. Register the device again. (☞ page 50)

If there seems to be a problem

	Symptom	Remedy/Cause
General	No sound comes out of the speakers.	• Adjust the volume to the optimum level. • Check the cords and connections.
	No picture is displayed on the screen.	Turn on the screen. (☞ page 9)
	The unit does not work at all.	Reset the unit. (☞ page 3)
	<**Display Sensor**> function does not work properly.	The sensor display may malfunction when there is an object close to the motion sensor. In this case, select <**High**> for <**Sensitivity**>. (☞ page 46)
	The remote controller* does not work.	• Deactivate the rear source. (☞ page 36) (While the rear source is activated, the remote controller only functions for operating the DVD/CD player.) • Replace the battery.
TUNER	SSM automatic presetting does not work.	Store stations manually. (☞ page 15)
	Static noise while listening to the radio.	Connect the antenna firmly.
Disc in general	Disc can be neither recognized nor played back.	Eject the disc forcibly. (☞ page 3)
	Disc cannot be ejected.	Unlock the disc. (☞ page 17)
	• Recordable/Rewritable discs cannot be played back. • Tracks on the Recordable/Rewritable discs cannot be skipped.	• Insert a finalized disc. • Finalize the discs with the component which you used for recording.
	Playback does not start.	The format of files is not supported by the unit.
	No picture appears on the external monitor.	• Connect the video cord correctly. • Select the correct input on the external monitor.
DivX/MPEG1/MPEG2/ JPEG/MP3/WMA/WAV	Disc cannot be played back.	• Record the tracks using a compliant application on the appropriate discs. (☞ page 18) • Add appropriate extension codes to the file names.
	Tracks are not played back as you have intended them to play.	Playback order may differ from the one played back using other players.

* *For KW-AVX840: Purchase RM-RK252P separately.*

	Symptom	Remedy/Cause
USB	"Now Reading..." keeps flashing on the screen.	Turn off the power and on again.
	While playing a track, sound is sometimes interrupted.	The tracks are not properly copied into the USB device. Copy tracks again, and try again.
iPod/iPhone	No sound comes out of the speakers.	• Disconnect the iPod, then connect it again. • Select another source and then reselect "iPod".
	The iPod/iPhone does not turn on or does not work.	• Check the connecting cable and its connection. • Update the firmware version. • Charge the battery. • Check whether the iPod control mode is correctly selected. (☞ page 26) • Reset the iPod/iPhone.
	Sound is distorted.	Deactivate the equalizer either on this unit or the iPod/iPhone.
	A lot of noise is generated.	Turn off (uncheck) the "VoiceOver" feature of the iPod. For details, visit <http://www.apple.com>.
	No operations are available when playing back a track containing Artwork.	Operate the unit after the Artwork is loaded. (☞ page 27)
	Sound does not synchronize with the video.	Select <**iPod**> for both <**Audio Input**> and <**Video Input**>. (☞ page 46)
AV-IN	No picture appears on the screen.	• Turn on the video component if it is not on. • Connect the video component correctly.

	Symptom	Remedy/Cause
Satellite radio (only for KW-AVX840)	"CALL 1-888-539-SIRIUS TO SUBSCRIBE" appears on the screen.	SIRIUS Satellite Radio is connected but does not have an active subscription. For information on how to subscribe, ☞ page 31.
	"Acquiring Signal" or "NO SIGNAL" appears on the screen.	Make sure your Satellite Radio antenna is mounted outside the vehicle. Move vehicle to an area with a clear view of the sky.
	"No Antenna" or "CHECK ANTENNA" appears on the screen.	Check your satellite radio antenna connection and be sure it is firmly attached.
	"Invalid channel" appears on the screen for about 5 seconds, then returns to the previous display when listening to the SIRIUS Satellite radio.	No broadcast on the selected channel. Select another channel or continue listening to the previous channel.
	"CH–––" or "CHANNEL UNAVL" appears on the screen for about 2 seconds, then returns to the previous channel while listening to the XM Satellite radio.	Selected channel is no longer available or is unauthorized. Select another channel or continue listening to the previous channel.
	No information appears on the screen.	No text information for the selected channel.
	"UPDATING" or "UNAUTH" appears on the screen and no sound can be heard.	The receiver is updating the channel information and it takes a few minutes to complete.
	"OFF AIR" appears on the screen while listening to the XM Satellite radio.	Selected channel is not broadcasting at this time. Select another channel or continue listening to the previous channel.
	"LOADING" appears on the screen while listening to the XM Satellite radio.	The unit is loading the channel information and audio. Text information is temporarily unavailable.
	"Reset08" appears on the screen.	Reconnect this unit and the Satellite radio correctly and reset the unit.
	Satellite radio does not work at all.	Reconnect the Satellite radio after a few seconds.
HD Radio reception (Only for KW-AVX840)	• Sound quality changes when receiving HD Radio stations.	Fix the reception mode either to <**DIGITAL**> or <**ANALOG**>. (☞ page 35)
	• No sound can be heard.	• <**ANALOG**> is selected when receiving all digital broadcast of HD Radio station. Select <**DIGITAL**> or <**AUTO**>. (☞ page 35) • <**DIGITAL**> is selected when receiving weak digital signals or receiving conventional radio broadcast. Select <**ANALOG**> or <**AUTO**>. (☞ page 35)
	• "Reset08" appears on the screen.	Reconnect this unit and the HD Radio tuner box correctly, then reset the unit.

	Symptom	Remedy/Cause
Bluetooth	Phone sound quality is poor.	• Reduce the distance between the unit and the Bluetooth mobile phone. • Move the car to place where you can get a better signal reception.
	The sound is interrupted or skipped while using a Bluetooth audio player.	• Reduce the distance between the unit and the Bluetooth audio player. • Disconnect the device connected for Bluetooth phone. • Turn off, then turn on the unit. • (When the sound is not yet restored) connect the player again.
	The connected audio player cannot be controlled.	Check whether the connected audio player supports AVRCP (Audio Video Remote Control Profile).
	Bluetooth device does not detect the unit.	• Check whether the Bluetooth adapter (KS-UBT1) is inserted correctly. • Search from the Bluetooth device again. • When "Waiting..." appears on the screen, press [**Cancel**] then connect a Bluetooth device.
	The unit does not make pairing with the Bluetooth device.	Enter the same PIN code for both the unit and target device. If the PIN code of the device is not indicated on its instructions, try "0000" or "1234."
	Echo or noise occurs.	Adjust the microphone unit position.
	The unit does not respond when you try to copy the phone book to the unit.	You may have tried to copy the same entries (as stored) to the unit.

Specifications

AMPLIFIER	**Power Output**	**20 W RMS × 4 Channels at 4 Ω and ≤ 1% THD+N**		
	Signal-to-Noise Ratio	80 dBA (reference: 1 W into 4 Ω)		
	Load Impedance			4 Ω (4 Ω to 8 Ω allowance)
	Equalizer Control Range Level			±12 dB
	Audio Output Level FRONT OUT, REAR OUT, SUBWOOFER OUT	Line-Out Level/Impedance		4 V/20 kΩ load (full scale)
		Output Impedance		1 kΩ
	Video Output (composite) VIDEO OUT	Color System		PAL/NTSC
		Video-Out Level/Impedance		1 Vp-p/75 Ω
	Other Terminals	Input		LINE IN, VIDEO IN, CAMERA IN, USB input, MIC IN, AUX, Antenna input
		Output		2nd AUDIO OUT
		Others		Expansion port*, OE REMOTE, RGB input
FM/AM TUNER	Frequency Range	FM	with channel interval set to 200 kHz	87.9 MHz to 107.9 MHz
			with channel interval set to 50 kHz	87.5 MHz to 108.0 MHz
		AM	with channel interval set to 10 kHz	530 kHz to 1 700 kHz
			with channel interval set to 9 kHz	531 kHz to 1 611 kHz
	FM Tuner	Usable Sensitivity		9.3 dBf (0.8 µV/75 Ω)
		50 dB Quieting Sensitivity		16.3 dBf (1.8 µV/75 Ω)
		Alternate Channel Selectivity (400 kHz)		65 dB
		Frequency Response		40 Hz to 15 000 Hz
		Stereo Separation		40 dB
	AM Tuner	Sensitivity/Selectivity		20 µV/40 dB
DVD/CD	Signal Detection System	Non-contact optical pickup (semiconductor laser)		
	Frequency Response	DVD, fs=48 kHz/96 kHz		16 Hz to 22 000 Hz
		VCD/CD		16 Hz to 20 000 Hz
	Dynamic Range			93 dB
	Signal-to-Noise Ratio			95 dB
	Wow and Flutter			Less than measurable limit
USB	USB Standards	USB 2.0 Full Speed		
	Data Transfer Rate	Full Speed		Maximum 12 Mbps
		Low Speed		Maximum 1.5 Mbps
	Compatible Device	Mass storage class		
	Compatible File System	FAT 32/16/12		
	Max. Current	DC 5 V ⎓ 1 A		

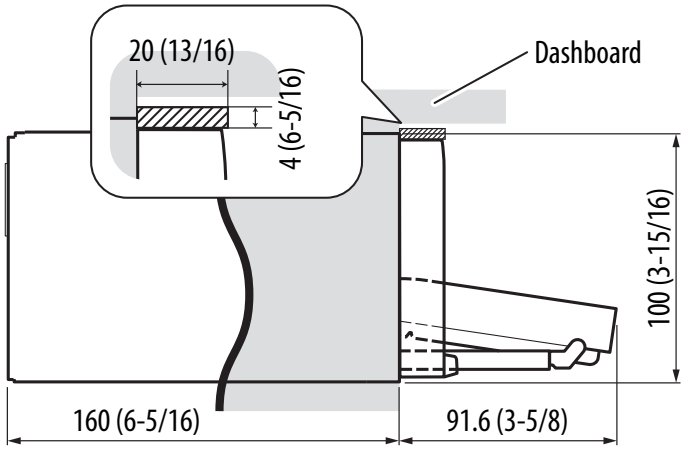
* *Only for KW-AVX840.*

BLUETOOTH	Version	Bluetooth 2.0 certified	
	Output Power	+4 dBm Max. (Power class 2)	
	Service Area	Within 10 m (10.9 yd)	
	Profile	HFP (Hands-Free Profile) 1.5 OPP (Object Push Profile) 1.1 A2DP (Advanced Audio Distribution Profile) 1.2 AVRCP (Audio/Video Remote Control Profile) 1.3 PBAP (Phone Book Access Profile) 1.0	
MONITOR	Screen Size	7 inch wide liquid crystal display	
	Number of Pixel	1 152 000 pixels: 800 (horizontal) × 3 (RGB) × 480 (vertical)	
	Drive Method	TFT (Thin Film Transistor) active matrix format	
	Color System	NTSC/PAL	
	Aspect Ratio	16:9 (wide)	
GENERAL	Power Requirement	Operating Voltage	DC 14.4 V (11 V to 16 V allowance)
	Grounding System		Negative ground
	Allowable Storage Temperature		−10°C to +60°C (14°F to 140°F)
	Allowable Operating Temperature		0°C to +40°C (32°F to 104°F)
	Dimensions (W × H × D)	Installation Size (approx.)	182 mm × 111 mm × 160 mm (7-3/16″ × 4-3/8″ × 6-5/16″)
		Panel Size (approx.)	188 mm × 117 mm × 10 mm (7-7/16″ × 4-5/8″ × 7/16″)
	Mass (approx.)		2.8 kg (6.2 lbs) (including the Trim plate and Sleeve)

Design and specifications are subject to change without notice.

If a kit is necessary for your car, consult your telephone directory for the nearest car audio speciality shop.

Required space for installation and the monitor ejection



CAUTION: When ejecting the monitor, leave an open space for the monitor to come out. If you do not, the monitor may obstruct the steering wheel and gearshift lever operations, and this may result in a traffic accident.

Unit: mm (inch)

JVC

■ The countries where you may use the Bluetooth® function

- Die Länder, in denen Sie die Bluetooth® Funktion verwenden können
- Pays où vous pouvez utiliser la fonction Bluetooth®
- De landen waar u de Bluetooth®-functie mag gebruiken
- Países en los que se puede utilizar la función Bluetooth®
- Paesi nei quali è possibile utilizzare la funzione Bluetooth®
- Länder där du kan använda Bluetooth®-funktionen
- Lande, hvor du kan bruge Bluetooth®-funktionen
- Land hvor du kan bruke Bluetooth®-funksjonen
- Maat, joissa voi käyttää Bluetooth®-toimintoa
- Países onde pode usar a função Bluetooth®
- Οι χώρες όπου μπορείτε να χρησιμοποιήσετε τη λειτουργία Bluetooth®
- Страны, где можно воспользоваться функцией Bluetooth®
- Země, ve kterých můžete využívat funkci Bluetooth®
- Azok az országok, amelyekben használhatjuk a Bluetooth®-funkciót
- Kraje, w których można używać funkcji Bluetooth®
- Države, kjer lahko uporabljate funkcijo Bluetooth®
- Krajiny, v ktorých môžete využívať funkciu Bluetooth®
- Valstis, kur jūs varat izmantot Bluetooth® funkciju
- Šalys, kuriose galite naudotis „Bluetooth®“ funkcija
- Il-pajjiżi fejn tista' tuża l-funzjoni Bluetooth®
- Lönd þar sem hægt er að nota Bluetooth®
- Riigid, kus on võimalik kasutada Bluetooth® funktsiooni
- Bluetooth® fonksiyonunu kullanabileceğiniz ülkeler
- Na tíortha inar féidir leat feidhmiú Bluetooth® a úsáid
- Länner an denen der d'Bluetooth® Funktioun benotze kënnt.
- Ở những quốc gia mà bạn có thể sử dụng chức năng Bluetooth®
- Els països on podrà fer servir la funció Bluetooth®
- Zemlje u kojima je dozvoljena upotreba Bluetooth® funkcije.
- Zemlje u kojima možete koristiti Bluetooth® funkciju
- Zemlje u kojima je dopušteno koristiti Bluetooth®.
- Земји каде можете да ја користите функцијата Bluetooth®
- Страните, в които можете да ползвате функцията Bluetooth®
- Țările în care puteți utiliza funcția Bluetooth®
- Die lande waar u die Bluetooth®-funksie kan gebruik
- Amazwe lapho ungasebenzisa khona uhlelo lwe-Bluetooth®
- Ang mga bansa kung saan maaari kang gumamit ng Bluetooth® function
- Negara-negara yang anda boleh menggunakan fungsi Bluetooth®
- 您能够使用 Bluetooth® 功能的国家
- 您能夠使用 Bluetooth® 功能的國家
- Bluetooth® 기능을 사용할 수 있는 국가
- الدول التي يمكنك استخدام وظيفة Bluetooth® فيها

Country
Andorra
الإمارات العربية المتحدة
Australia
Österreich
Bosna i Hercegovina
Belgien Belgique
България
Canada
Schweiz Suisse
Chile
Κύπρος Kıbrıs
Česká republika
Deutschland
Danmark
Eesti
España
Suomi Finland
France
United Kingdom
Ελλάδα
Hong Kong 香港 香港
Hrvatska
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Having TROUBLE with operation?
Please reset your unit

Refer to page of How to reset your unit

Still having trouble??

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Call 1-800-252-5722

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JVC

EN, SP, FR

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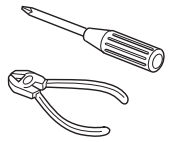
0111NYMMDWJEIN

KW-AVX848/KW-AVX840

Installation/Connection Manual
Manual de instalación/conexión
Manuel d'installation/raccordement



LVT2180-002A
[J/JW]

0111NYMMDWJEIN
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ENGLISH

This unit is designed to operate on **12 V DC, NEGATIVE ground electrical systems**. If your vehicle does not have this system, a voltage inverter is required, which can be purchased at JVC car audio dealers.

WARNINGS

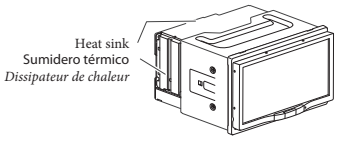
- DO NOT install any unit or wire any cable in a location where;
  – it may obstruct the steering wheel and gearshift lever operations, as this may result in a traffic accident.
  – it may obstruct the operation of safety devices such as air bags, as this may result in a fatal accident.
  – it may obstruct visibility.
- DO NOT operate any unit while manipulating the steering wheel, as this may result in a traffic accident.
- The driver must not watch the monitor while driving. It may lead to carelessness and cause an accident.
- If you need to operate the unit while driving, be sure to look around carefully or you may be involved in a traffic accident.
- If the parking brake is not engaged, "Parking Brake" appears on the monitor, and no playback picture will be shown.
  – This warning appears only when the parking brake lead is connected to the parking brake system built in the car.

To prevent short circuits, we recommend that you disconnect the battery's negative terminal and make all electrical connections before installing the unit.

- **Be sure to ground this unit to the car's chassis again after installation.**
- Be sure any cable is not caught on the car's chassis or under seats.

Notes on electrical connections:

- Replace the fuse with one of the specified rating. If the fuse blows frequently, consult your JVC car audio dealer.
- It is recommended to connect speakers with maximum power of more than 50 W (both at the rear and at the front, with an impedance of **4 Ω** to **8 Ω**).
  If the maximum power is less than 50 W, change <Amplifier Gain> setting to prevent the speakers from being damaged (see page 44 of the INSTRUCTIONS).
- To prevent short circuits, cover the terminals of the UNUSED leads with insulating tape.
- The heat sink becomes very hot after use. Be careful not to touch it when removing this unit.
- At the time of installation, be sure to fix all wires (wires both from this unit and from the car itself) in a way that any wires cannot come into contact with heat sinks on the rear and side of the unit.



ESPAÑOL

Esta unidad está diseñada para funcionar con **12 V de CC, con sistemas eléctricos de masa NEGATIVA**. Si su vehículo no posee este sistema, será necesario un inversor de tensión, que puede ser adquirido en los concesionarios de JVC de equipos de audio para automóviles.

ADVERTENCIAS

- NO instale ningún receptor o tienda ningún cable en una ubicación donde;
  – donde pueda obstruir la maniobra del volante de dirección y del cambio de engranajes, con el consiguiente riesgo de accidentes de tráfico.
  – donde pueda obstruir el funcionamiento de dispositivos de seguridad tales como bolsas de aire, pues podría resultar en un accidente fatal.
  – donde pueda obstruir la visibilidad.
- NO OPERE la unidad mientras está maniobrando el volante de dirección, pues podría producirse un accidente de tráfico.
- El conductor no debe mirar el monitor mientras conduce. Podría producirse un descuido, y causar un accidente.
- Si necesita operar la unidad mientras conduce, asegúrese de mirar atentamente a su alrededor pues de lo contrario, se podría producir un accidente de tráfico.
- Si el freno de mano no está en uso, aparecerá "Parking Brake (Freno de Mano)" en la pantalla y no se mostrará ninguna secuencia de imagen.
  – Esta advertencia aparece únicamente cuando el cable del freno de estacionamiento se encuentra conectado al sistema del freno de estacionamiento incorporado al automóvil.

Para evitar cortocircuitos, recomendamos que desconecte el terminal negativo de la batería y que efectúe todas las conexiones eléctricas antes de instalar la unidad.

- **Asegúrese de volver a conectar a masa esta unidad al chasis del automóvil después de la instalación.**
- Asegúrese de que ningún cable quede atrapado en el chasis del automóvil o debajo de los asientos.

Notas sobre las conexiones eléctricas:

- Reemplace el fusible por otro del régimen especificado. Si el fusible se funde frecuentemente, consulte con su concesionario de JVC de equipos de audio para automóviles.
- Se recomienda conectar los altavoces con una potencia máxima de más de 50 W (tanto atrás como adelante, con una impedancia de **4 Ω** a **8 Ω**).
  Si la potencia máxima es de menos de 50 W, cambie <Amplifier Gain> para evitar daños en los altavoces (consulte la página 44 del MANUAL DE INSTRUCCIONES).
- Para evitar cortocircuitos, cubra los cables NO UTILIZADOS con cinta aislante.
- El sumidero térmico estará muy caliente después del uso. Asegúrese de no tocarlo al desmontar esta unidad.
- Al realizar la instalación, asegúrese de fijar todos los cables (tanto los que proceden de esta unidad como los del vehículo en sí) de manera tal que ninguno quede en contacto con los disipadores térmicos de las partes traseras y laterales de la unidad.

FRANÇAIS

Cet appareil est conçu pour fonctionner sur des sources de **courant continu de 12 V à masse NEGATIVE**. *Si votre véhicule n'offre pas ce type d'alimentation, il vous faut un convertisseur de tension, que vous pouvez acheter chez un revendeur d'autoradios JVC.*

AVERTISSEMENTS

- *N'INSTALLEZ aucun appareil ni aucun câble dans un endroit où:*
  – où il peut gêner l'accès au volant ou au levier de vitesse car cela peut entraîner un accident de la circulation.
  – où il peut gêner la manipulation de dispositifs de sécurité tels que les airbags car cela peut entraîner un accident fatal.
  – où il peut gêner la visibilité.
- *NE COMMANDEZ PAS l'appareil lors de la manipulation du volant car cela peut entraîner un accident de la circulation.*
- *Le conducteur ne doit pas regarder le moniteur lorsqu'il conduit. Cela peut lui faire perdre sa concentration et causer un accident.*
- *Si vous souhaitez opérer l'appareil pendant que vous conduisez, assurez-vous de bien regarder autour de vous afin de ne pas causer un accident de la circulation.*
- *Si le frein à main n'est pas engagé, "Parking Brake (Frein à Main)" s'affiche sur le moniteur et aucune image de lecture n'apparaît.*
  – Cet avertissement apparaît uniquement quand le fil du frein de stationnement est connecté au système de frein de stationnement intégré à la voiture.

Pour éviter tout court-circuit, nous vous recommandons de débrancher la borne négative de la batterie et d'effectuer tous les raccordements électriques avant d'installer l'appareil.

- **Assurez-vous de raccorder de nouveau la mise à la masse de cet appareil au châssis de la voiture après l'installation.**
- *Assurez-vous qu'aucun câble n'est coincé sur châssis de la voiture ou sous les sièges.*

Remarques sur les connexions électriques:

- *Remplacer le fusible par un de la valeur précisée. Si le fusible saute souvent, consulter votre revendeur d'autoradios JVC.*
- *Il est recommandé de connecter des enceintes avec une puissance de plus de 50 W (les enceintes arrière et les enceintes avant, avec une impédance comprise entre* **4 Ω** *et* **8 Ω**).
  Si la puissance maximum est inférieure à 50 W, changez <Amplifier Gain> pour éviter d'endommager vos enceintes (voir page 44 du MANUEL D'INSTRUCTIONS).
- *Pour éviter les court-circuits, couvrir les bornes des fils qui ne sont PAS UTILISÉS avec de la bande isolante.*
- *Le dissipateur de chaleur devient très chaud après usage. Faire attention de ne pas le toucher en retirant cet appareil.*
- *Au moment de l'installation, assurez-vous de fixer tous les fils (les fils de cet appareil et aussi de la voiture elle-même) de façon qu'aucun fil ne puisse entrer en contact avec les dissipateurs de chaleur situés à l'arrière et sur le côté de l'appareil.*

Parts list for installation and connection

The following parts are provided for this unit.
If anything is missing, contact your dealer immediately.

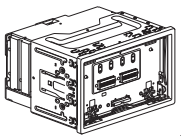
Lista de piezas para instalación y conexión

Con esta unidad se suministran las siguientes piezas.
Si hay algún elemento faltante, póngase inmediatamente en contacto con su concesionario.

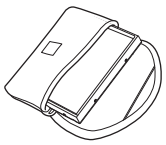
Liste des pièces pour l'installation et raccordement

Les pièces suivantes sont fournies avec cet appareil.
Si quelque chose manquait, contactez votre revendeur immédiatement.

Main unit/Sleeve/Trim plate
Unidad principal/Cubierta/Placa de guarnición
Appareil principal/Manchon/Plaque d'assemblage



Monitor panel and soft case
Panel del monitor y estuche blando
Panneau du moniteur et étui souple



Crimp connector
Conector de sujeción
Raccord à sertir

Extension lead
Cable prolongador
Fil prolongateur

Power cord
Cordón de alimentación
Cordon d'alimentation

Handles
Manijas
Poignées

Flat head screws (M5 x 8 mm/M5 x 3/8")
Round head screws (M5 x 8 mm/M5 x 3/8")
Tornillos de cabeza plana
(M5 x 8 mm/M5 x 3/8 pulgada)
Tornillos de cabeza esférica
(M5 x 8 mm/M5 x 3/8 pulgada)
Vis à tête plate (M5 x 8 mm/M5 x 3/8 pouces)
Vis à tête ronde (M5 x 8 mm/M5 x 3/8 pouces)

Use these screws when installing the unit without the supplied sleeve. (See page 2.)
Utilice estos tornillos cuando instale la unidad sin la cubierta suministrada. (Consulte la página 2.)
Utilisez ces vis lors de l'installation de l'appareil sans le manchon fourni. (Voir page 2.)

Mounting bolt—M4 x 20 mm/M4 x 13/16"
Perno de montaje—M4 x 20 mm/M4 x 13/16 pulgada
Boulon de montage—M4 x 20 mm/M4 x 13/16 pouces

Washer (ø5)
Arandela (ø5)
Rondelle (ø5)

Rubber cushion
Cojín de goma
Amortisseur en caoutchouc

Lock nut (M5)
Tuerca de seguridad (M5)
Ecrou d'arrêt (M5)

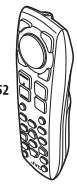
Microphone
Micrófono
Microphone

Only for KW-AVX848 / Sólo para KW-AVX848 / Uniquement pour le KW-AVX848

KS-UBT1

Bluetooth adapter (inserted)
Adaptador Bluetooth (insertado)
Adaptateur Bluetooth (inséré)

Remote controller
Control remoto
Télécommande



RM-RK252

Bag for storing the adapter
Funda para guardar el adaptador
Sac pour ranger l'adaptateur

INSTALLATION (IN-DASH MOUNTING)

The following illustration shows a typical installation. However, you should make adjustments corresponding to your specific car. If you have any questions or require information regarding installation kits, consult your JVC car audio dealer or a company supplying kits.

- If you are not sure how to install this unit correctly, have it installed by a qualified technician.

Before installing the unit

- Remove the audio system originally installed in the car, together with its mounting brackets. Be sure to keep all the screws and parts removed from your car for future use.
- When mounting the unit, be sure to use the screws provided, as instructed. If other screws are used, parts could become loose or damaged.
- When tightening screws or bolts, be careful not to pinch any connection cord.
- Make sure not to block the fan on the rear to maintain proper ventilation when installing the unit.
- You cannot install the unit on the car which has any obstacles in the space shown in "Required space for installation and the monitor panel ejection" below.

When installing the unit without using the sleeve

- Use flat head screws or round head screws, depending on installation location. When you use flat head screws to install the unit, use the screws removed in step 1 below. When you use screws other than those supplied, use 8 mm (3/8")-long screws. If longer screws are used, they could damage the unit.
- Tighten the screws firmly to prevent the unit from falling off.

INSTALACIÓN (MONTAJE EN EL TABLERO DE INSTRUMENTOS)

La siguiente ilustración muestra una instalación típica. Sin embargo usted deberá efectuar los ajustes correspondientes a su automóvil. Si tiene alguna pregunta o necesita información acerca de las herramientas para instalación, consulte con su concesionario de JVC de equipos de audio para automóviles o a una compañía que suministra tales herramientas.

- Si no está seguro de poder instalar la unidad correctamente, déjela en manos de un técnico cualificado.

Antes de instalar la unidad

- Desmonte el sistema de audio instalado originalmente en el coche, junto con los ménsulas de montaje. Asegúrese de guardar todos los tornillos y piezas quitados de su vehículo para poderlos usar en el futuro.
- Al instalar la unidad, asegúrese de usar los tornillos suministrados, de acuerdo con las instrucciones. El uso de otros tornillos podrá provocar flojedad de o daños a las piezas.
- Al apretar los tornillos o los pernos, asegúrese de que ningún cable de conexión quede pillado.
- Al efectuar la instalación, asegúrese de no bloquear el ventilador del panel trasero a fin de mantener una ventilación correcta.
- No podrá instalar la unidad en un coche en que haya algún obstáculo en el espacio indicado en "Espacio requerido para la instalación y la expulsión del panel del monitor" más abajo.

Instalación de la unidad sin utilizar la cubierta

- Utilice tornillos de cabeza plana o esférica, dependiendo del lugar de instalación. Si decide utilizar tornillos de cabeza plana para instalar la unidad, utilice los extraídos en el paso 1, más abajo. Si decide utilizar tornillos distintos de los suministrados, escoja tornillos de 8 mm (3/8") de largo. El uso de tornillos más largos producir daños a la unidad.
- Apriete los tornillos firmemente para evitar que la unidad se caiga.

INSTALLATION (MONTAGE DANS LE TABLEAU DE BORD)

L'illustration suivante est un exemple d'installation typique. Cependant, vous devez faire les ajustements correspondant à votre voiture. Si vous avez des questions ou avez besoin d'information sur des kits d'installation, consulter votre revendeur d'autoradios JVC ou une compagnie d'approvisionnement.

- *Si vous n'êtes pas sûr de pouvoir installer l'appareil correctement, faite-le installer par un technicien qualifié.*

Avant d'installer l'appareil

- *Retirez le système audio d'origine installé dans la voiture en même temps que les supports de montage. Assurez-vous de conserver toutes les vis et pièces détachées de votre voiture pour une utilisation dans le future.*
- *Lors du montage de l'appareil, assurez-vous d'utiliser les vis fournies, de la façon indiquée. Si vous utilisez d'autres vis, certaines pièces peuvent être perdues ou endommagées.*
- *Lorsque vous serrez des vis ou des boulons, faites attention de ne pas pincer un cordon de connexion.*
- *Assurez-vous de ne pas bloquer le ventilateur sur le panneau arrière lors de l'installation afin de permettre une ventilation correcte.*
- *Vous ne pouvez pas installer l'appareil sur une voiture qui a certains obstacles dans l'espace montré dans "Espace nécessaire pour l'installation et l'éjection du panneau du moniteur" ci-dessous.*

Lors de l'installation de l'appareil scans utiliser de manchon

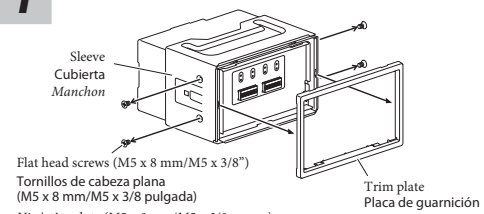
- *Utilisez des vis à tête plate ou des vis à tête ronde, en fonction de l'emplacement de l'installation. Quand vous utilisez des vis à tête plage pour installer l'appareil, utilisez les vis retirées à l'étape 1 ci-dessous. Quand vous utilisez d'autres vis que les vis fournies, utilisez des vis d'une longueur de 8 mm (3/8"). Vous risquez d'endommager l'appareil si vous utilisez des vis plus longues.*
- *Serrez les vis solidement pour éviter que l'appareil tombe.*

1 Detach the trim plate and remove the screws.
2 Detach the sleeve using the handles then slide off the sleeve.
3 Install the sleeve in the dashboard of the car.
4 Do the required electrical connections.
• See pages 3 – 6.
5 Attach the trim plate to the main unit, then install the main unit in to the sleeve.
6 Attach the monitor panel.

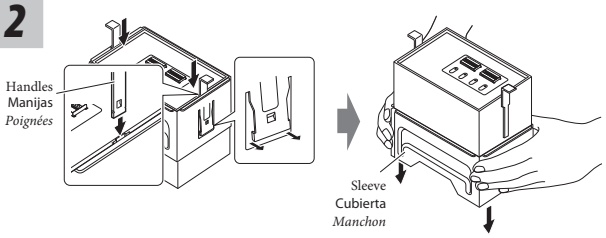
1 Desmonte la placa de guarnición y extraiga los tornillos.
2 Sujetando las asas, desmonte la cubierta deslizándola.
3 Instale la cubierta en el tablero del automóvil.
4 Realice todas las conexiones eléctricas necesarias.
• Consulte las páginas 3 – 6.
5 Fije la placa de guarnición a la unidad principal y, a continuación, instale ésta en la cubierta.
6 Fije el panel del monitor.

1 *Détachez la plaque d'assemblage et retirez les vis.*
2 *Détachez le manchon en utilisant les poignées puis retirez-le.*
3 *Installez le manchon dans le tableau de bord de la voiture.*
4 *Réalisez les connexions électriques.*
• *Voir pages 3 – 6.*
5 *Attachez la plaque de garniture sur l'appareil principale, puis installez l'appareil dans le manchon.*
6 *Attachez le panneau du moniteur.*

1


Sleeve
Cubierta
Manchon
Flat head screws (M5 x 8 mm/M5 x 3/8")
Tornillos de cabeza plana
(M5 x 8 mm/M5 x 3/8 pulgada)
Vis à tête plate (M5 x 8 mm/M5 x 3/8 pouces)
Trim plate
Placa de guarnición
Plaque d'assemblage

2

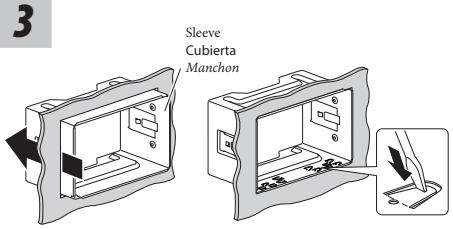


When you stand the unit, be careful not to damage the fuse on the rear.

Al poner la unidad vertical, tenga cuidado de no dañar el fusible provisto en la parte posterior.

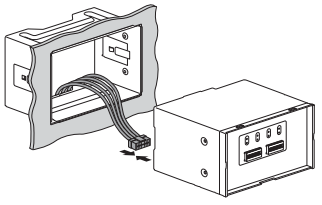
Lorsque vous mettez l'appareil à la verticale, faire attention de ne pas endommager le fusible situé sur l'arrière.

3

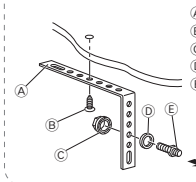


Bend the appropriate tabs to hold the sleeve firmly in place.
Doble las lengüetas apropiadas para retener firmemente la manga en su lugar.
Tordez les languettes appropriées pour maintenir le manchon en place.

4



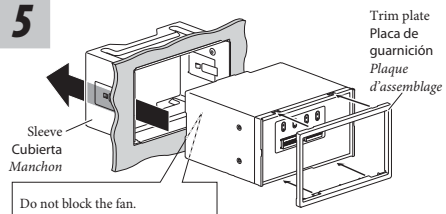
For more stable attachment
Para una fijación más estable
Pour que la fixation soit plus stable



Ⓐ Stay (option) / Soporte (opción) / *Hauban (en option)*
Ⓑ Screw (option) / Tornillo (opción) / *Vis (en option)*
Ⓒ Lock nut / Tuerca de seguridad / *Ecrou d'arrêt*
Ⓓ Washer / Arandela / *Rondelle*
Ⓔ Mounting bolt / Perno de montaje / *Boulon de montage*

To the rear panel
Al panel trasero
Sur le panneau arrière

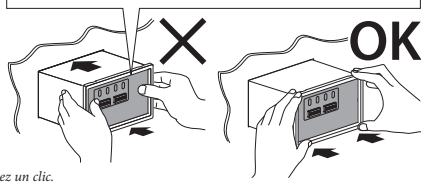
5



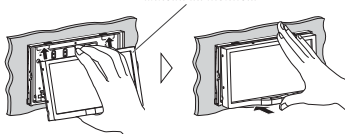
Do not block the fan.
No tape las rejillas de ventilación.
Ne bloquez pas le ventilateur.

Slide the unit in until you hear a clicking sound.
Deslice la unidad hasta escuchar un chasquido.
Faites glisser l'appareil jusqu'à ce que vous entendiez un clic.

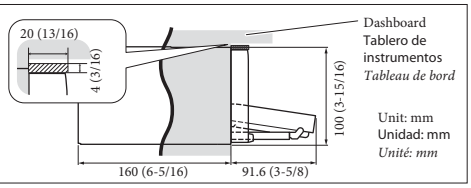
DO NOT press the panel (shaded in the illustration).
NO presione el panel (sombreado en la ilustración).
NE POUSSEZ PAS sur le panneau (en gris sur l'illustration).



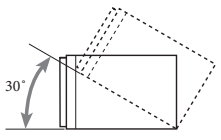
6



Required space for installation and the monitor panel ejection
Espacio requerido para la instalación y la expulsión del panel del monitor
Espace nécessaire pour l'installation et l'éjection du panneau du moniteur



Install the unit at an angle of less than 30°.
Instale la unidad a un ángulo de menos de 30°.
Installez l'appareil avec un angle de moins de 30°.



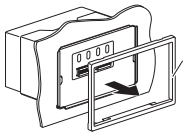
Removing the unit
Before removing the unit, release the rear section.

Extracción de la unidad
Antes de extraer la unidad, libere la sección trasera.

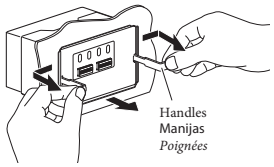
Retrait de l'appareil
Avant de retirer l'appareil, libérer la section arrière.

1 Detach the monitor panel (see page 5 of the INSTRUCTIONS).
Desmonte el panel del monitor (consulte la página 5 del MANUAL DE INSTRUCCIONES).
Détachez le panneau du moniteur (voir la page 5 du MANUEL D'INSTRUCTIONS).

2 Detach the trim plate.
Desmonte la placa de guarnición.
Détachez la plaque d'assemblage.



3 Insert the two handles, then pull them as illustrated so that the unit can be removed.
Inserte las dos manijas y, a continuación, jálelas tal como se muestra en la ilustración para desmontar la unidad.
Insérez les deux poignées, puis tirez de la façon illustrée de façon à retirer l'appareil.



ELECTRICAL CONNECTIONS

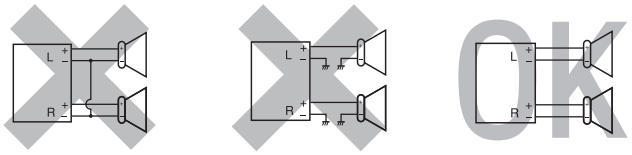
PRECAUTIONS on power supply and speaker connections:
- **DO NOT connect the speaker leads of the power cord to the car battery; otherwise, the unit will be seriously damaged.**
- BEFORE connecting the speaker leads of the power cord to the speakers, check the speaker wiring in your car.

CONEXIONES ELECTRICAS

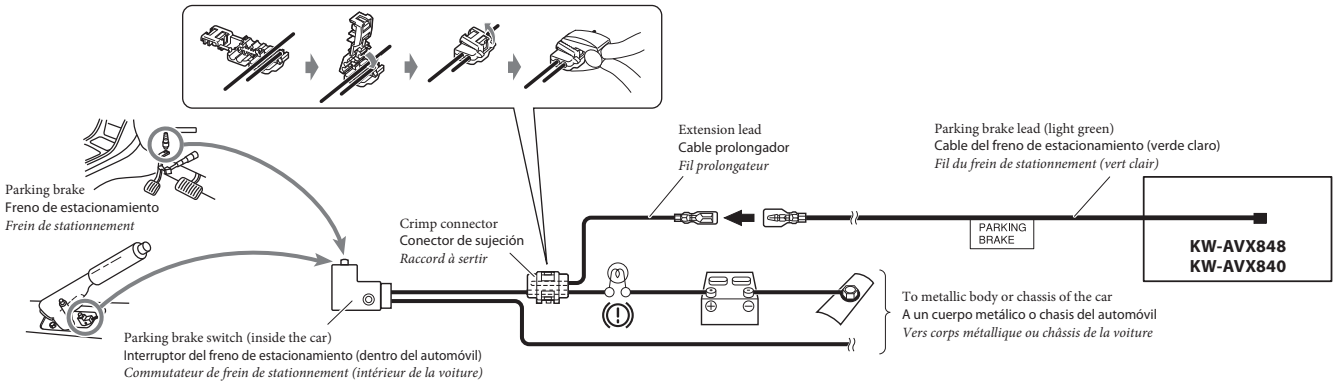
PRECAUCIONES sobre las conexiones de la fuente de alimentación y de los altavoces:
- **NO conecte los conductores de altavoz del cable de alimentación a la batería de automóvil, pues podrían producirse graves daños en la unidad.**
- ANTES de conectar a los altavoces los conductores de altavoz del cable de alimentación, verifique el conexionado de altavoz de su automóvil.

RACCORDEMENTS ELECTRIQUES

PRECAUTIONS sur l'alimentation et la connexion des enceintes:
- **NE CONNECTEZ PAS les fils d'enceintes du cordon d'alimentation à la batterie; sinon, l'appareil serait sérieusement endommagé.**
- *AVANT de connecter les fils d'enceintes du cordon d'alimentation aux enceintes, vérifiez le câblage des enceintes de votre voiture.*



Connecting the parking brake lead / Conexión del cable del freno de estacionamiento / Connexion du fil de frein de stationnement

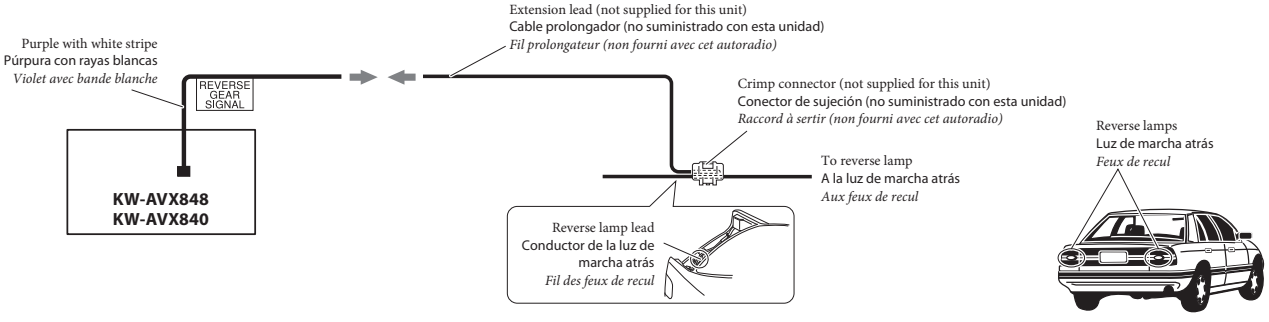

Parking brake
Freno de estacionamiento
Frein de stationnement
Parking brake switch (inside the car)
Interruptor del freno de estacionamiento (dentro del automóvil)
Commutateur de frein de stationnement (intérieur de la voiture)
Crimp connector
Conector de sujeción
Raccord à sertir
Extension lead
Cable prolongador
Fil prolongateur
Parking brake lead (light green)
Cable del freno de estacionamiento (verde claro)
Fil du frein de stationnement (vert clair)
PARKING BRAKE
KW-AVX848
KW-AVX840
To metallic body or chassis of the car
A un cuerpo metálico o chasis del automóvil
Vers corps métallique ou châssis de la voiture

Connecting the reverse gear signal lead (for rear view camera) / Conexión del cable de señal del engranaje de marcha atrás (para cámara de retrovisión) / Connexion du fil de signal de marche arrière (pour la caméra de recul)

Locate the reverse lamp lead in the trunk.

Localice el conductor de la luz de marcha atrás en el portaequipajes.

Localisez le fil des feux de recul dans le coffre.


Purple with white stripe
Púrpura con rayas blancas
Violet avec bande blanche
REVERSE GEAR SIGNAL
KW-AVX848
KW-AVX840
Extension lead (not supplied for this unit)
Cable prolongador (no suministrado con esta unidad)
Fil prolongateur (non fourni avec cet autoradio)
Crimp connector (not supplied for this unit)
Conector de sujeción (no suministrado con esta unidad)
Raccord à sertir (non fourni avec cet autoradio)
To reverse lamp
A la luz de marcha atrás
Aux feux de recul
Reverse lamp lead
Conductor de la luz de marcha atrás
Fil des feux de recul
Reverse lamps
Luz de marcha atrás
Feux de recul

ENGLISH

Before connecting: Check the wiring in the vehicle carefully. Incorrect connection may cause serious damage to this unit.
The leads of the power cord and those of the connector from the car body may be different in color.

1. Connect the colored leads of the power cord in the order specified in the illustration below.
2. Connect the antenna cord.
3. Finally connect the wiring harness to the unit.

- The terminals and cables of all models are shown in the illustration for the purpose of explanation.

ESPAÑOL

Antes de la conexión: Verifique atentamente el conexionado del vehículo. Una conexión incorrecta podría producir daños graves en la unidad.
Los cordones del cable de alimentación y los del conector procedentes de la carrocería del automóvil podrían ser de diferentes en color.

1. Conecte los conductores de color del cable de alimentación en el orden especificado en la ilustración de abajo.
2. Conecte el cable de antena.
3. Por último, conecte el cable de alimentación a la unidad.

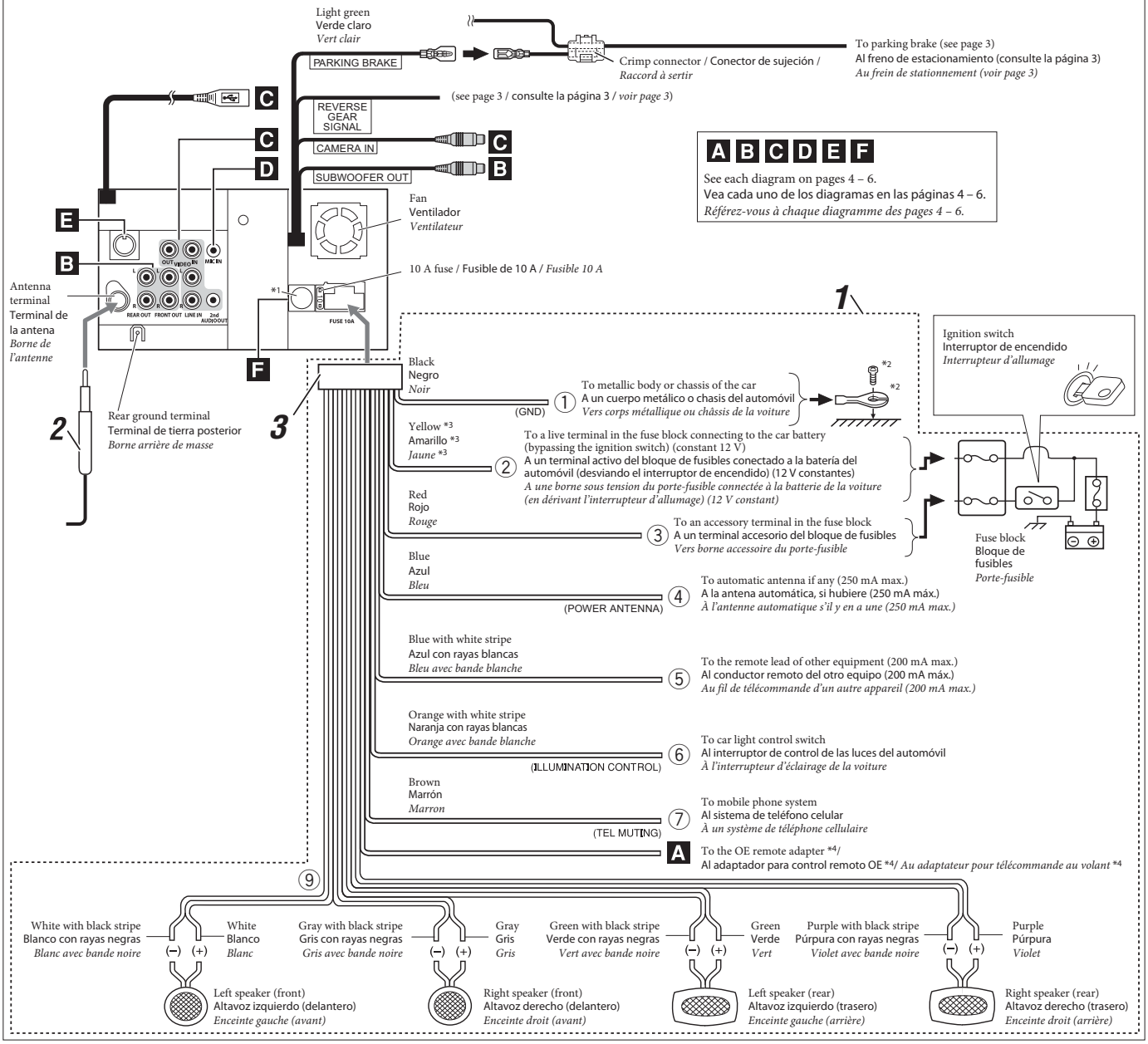
- Los terminales y cables de todos los modelos se muestran en la ilustración con fines explicativos.

FRANÇAIS

Avant de commencer la connexion: *Vérifiez attentivement le câblage du véhicule. Une connexion incorrecte peut endommager sérieusement l'appareil.*
Le fil du cordon d'alimentation et ceux des connecteurs du châssis de la voiture peuvent être différents en couleur.

1. *Connectez les fils colorés du cordon d'alimentation dans l'ordre spécifié sur l'illustration ci-dessous.*
2. *Connectez le cordon d'antenne.*
3. *Finalement, connectez le faisceau de fils à l'appareil.*

- *Les prises et les câbles de tous les modèles sont montrés sur les illustrations dans un but explicatif.*

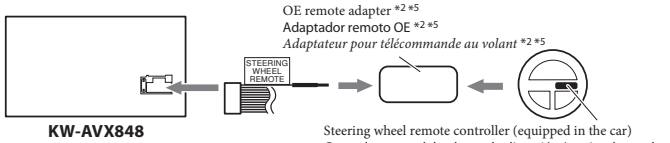

Light green
Verde claro
Vert clair
PARKING BRAKE
Crimp connector / Conector de sujeción / Raccord à sertir
To parking brake (see page 3)
Al freno de estacionamiento (consulte la página 3)
Au frein de stationnement (voir page 3)
(see page 3 / consulte la página 3 / voir page 3)
REVERSE GEAR SIGNAL
CAMERA IN
SUBWOOFER OUT
A B C D E F
See each diagram on pages 4 – 6.
Vea cada uno de los diagramas en las páginas 4 – 6.
Référez-vous à chaque diagramme des pages 4 – 6.
Fan
Ventilador
Ventilateur
10 A fuse / Fusible de 10 A / Fusible 10 A
Antenna terminal
Terminal de la antena
Borne de l'antenne
Rear ground terminal
Terminal de tierra posterior
Borne arrière de masse
Ignition switch
Interruptor de encendido
Interrupteur d'allumage
Black
Negro
Noir
(GND)
To metallic body or chassis of the car
A un cuerpo metálico o chasis del automóvil
Vers corps métallique ou châssis de la voiture
Yellow *3
Amarillo *3
Jaune *3
To a live terminal in the fuse block connecting to the car battery (bypassing the ignition switch) (constant 12 V)
A un terminal activo del bloque de fusibles conectado a la batería del automóvil (desviando el interruptor de encendido) (12 V constantes)
A une borne sous tension du porte-fusible connectée à la batterie de la voiture (en dérivant l'interrupteur d'allumage) (12 V constant)
Red
Rojo
Rouge
To an accessory terminal in the fuse block
A un terminal accesorio del bloque de fusibles
Vers borne accessoire du porte-fusible
Fuse block
Bloque de fusibles
Porte-fusible
Blue
Azul
Bleu
(POWER ANTENNA)
To automatic antenna if any (250 mA max.)
A la antena automática, si hubiere (250 mA máx.)
À l'antenne automatique s'il y en a une (250 mA max.)
Blue with white stripe
Azul con rayas blancas
Bleu avec bande blanche
To the remote lead of other equipment (200 mA max.)
Al conductor remoto del otro equipo (200 mA máx.)
Au fil de télécommande d'un autre appareil (200 mA max.)
Orange with white stripe
Naranja con rayas blancas
Orange avec bande blanche
(ILLUMINATION CONTROL)
To car light control switch
Al interruptor de control de las luces del automóvil
À l'interrupteur d'éclairage de la voiture
Brown
Marrón
Marron
(TEL MUTING)
To mobile phone system
Al sistema de teléfono celular
À un système de téléphone cellulaire
To the OE remote adapter *4/
Al adaptador para control remoto OE *4/ Au adaptateur pour télécommande au volant *4
White with black stripe
Blanco con rayas negras
Blanc avec bande noire
White
Blanco
Blanc
Gray with black stripe
Gris con rayas negras
Gris avec bande noire
Gray
Gris
Gris
Green with black stripe
Verde con rayas negras
Vert avec bande noire
Green
Verde
Vert
Purple with black stripe
Púrpura con rayas negras
Violet avec bande noire
Purple
Púrpura
Violet
Left speaker (front)
Altavoz izquierdo (delantero)
Enceinte gauche (avant)
Right speaker (front)
Altavoz derecho (delantero)
Enceinte droit (avant)
Left speaker (rear)
Altavoz izquierdo (trasero)
Enceinte gauche (arrière)
Right speaker (rear)
Altavoz derecho (trasero)
Enceinte droit (arrière)

A Connecting to the steering wheel remote controller / Conexión al control remoto del volante de dirección / Connexion de la télécommande de volant

If your car is equipped with the steering wheel remote controller, you can operate this unit using the controller. For connection, an exclusive remote adapter (not supplied) which matches your car is required. For details, consult the same car audio dealer as where the unit is purchased.

Si su vehículo está equipado con control remoto en el volante de dirección, podrá hacer funcionar este receptor utilizando dicho control. Para la conexión, se requiere un adaptador remoto exclusivo (no suministrado) que sea adecuado para su automóvil. Para los detalles, consulte con el concesionario car audio donde compró el receptor.

Si votre voiture est munie d'une télécommande de volant, vous pouvez commander cet autoradio en utilisant la télécommande. Pour la connexion, un adaptateur de télécommande exclusif (non fourni) correspondant à votre voiture est requis. Pour en savoir plus, consultez le revendeur autoradio auprès duquel vous avez acheté cet autoradio.


OE remote adapter *2 *5
Adaptador remoto OE *2 *5
Adaptateur pour télécommande au volant *2 *5
STEERING WHEEL REMOTE
KW-AVX848
KW-AVX840
Steering wheel remote controller (equipped in the car)
Control remoto del volante de dirección (equipado en el vehículo)
Télécommande de volant (installée dans la voiture)

*1 Only for KW-AVX840.
*2 Not supplied for this unit.
*3 Before checking the operation of this unit prior to installation, this lead must be connected, otherwise power cannot be turned on. Do not connect the lead directly to the battery.
*4 Do not connect the lead to any device other than the OE remote adapter. Doing so may cause malfunction.
*5 Alter the wire of the OE remote adapter to connect to the steering wheel remote lead.

*1 Sólo para KW-AVX840.
*2 No suministrado con esta unidad.
*3 Antes de comprobar el funcionamiento de esta unidad previa a de la instalación, es necesario conectar este cable, de lo contrario no se podrá conectar la alimentación. No conecte el conductor directamente a la batería.
*4 No conecte el cable a ningún otro dispositivo que no sea el adaptador para control remoto OE. De lo contrario podría provocar un mal funcionamiento.
*5 Altere el cableado del adaptador para control remoto OE para conectar al conductor remoto del volante de dirección.

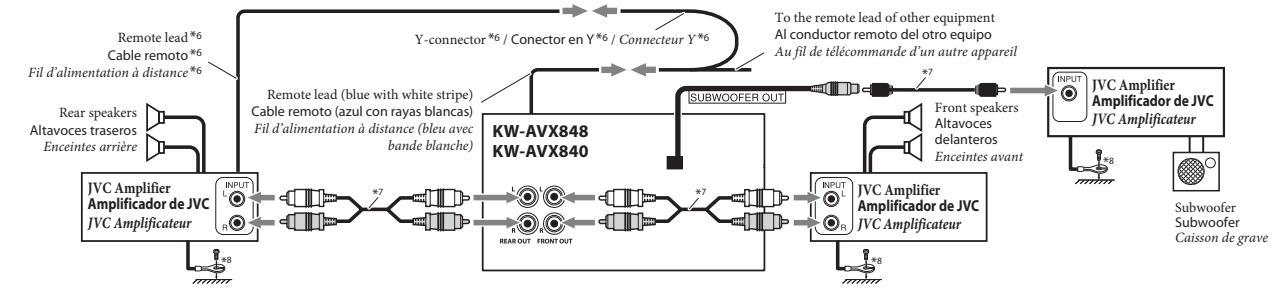
*1 *Uniquement pour le KW-AVX840.*
*2 *Non fourni avec cet appareil.*
*3 *Pour vérifier le fonctionnement de cet appareil avant installation, ce fil doit être raccordé, sinon l'appareil ne peut pas être mis sous tension. Ne connectez pas le fil directement à la batterie.*
*4 *Ne connectez pas ce fil à aucun autre appareil que l'adaptateur de télécommande au volant. Cela pourrait causer un mauvais fonctionnement.*
*5 *Modifiez le fil de l'adaptateur de télécommande au volant pour le connecté au fil de télécommande de volant.*

B Connecting the external amplifiers and subwoofer / Conexión de los amplificadores y subwoofer / Connexion d'amplificateurs extérieurs et d'un caisson de grave

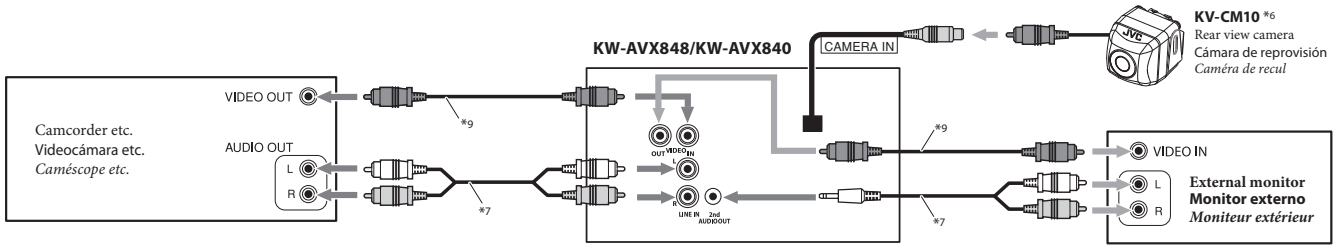
You can connect an amplifier to upgrade your car stereo system.
- Connect the remote lead (blue with white stripe) to the remote lead of the other equipment so that it can be controlled through this unit.
- **Disconnect the speakers from this unit, and connect them to the amplifier. Leave the speaker leads of this unit unused.**
- You can switch off the built-in amplifier and send the audio signals only to the external amplifier(s) to get clear sounds and to prevent internal heat built-up inside the unit. See page 44 of the INSTRUCTIONS.

Puede conectar amplificadores para mejorar su sistema car estéreo.
- Conecte el conductor remoto (azul con rayas blancas) al conductor remoto del otro equipo para poderlo controlar a través de esta unidad.
- **Desconecte los altavoces de esta unidad y conéctelos al amplificador. Los cables de los altavoces de esta unidad quedan sin usar.**
- Podrá desconectar el amplificador incorporado y enviar las señales de audio solamente al(los) amplificador(es) externo(s) para obtener sonidos nítidos y evitar que se caliente el interior de la unidad. Consulte la página 44 del MANUAL DE INSTRUCCIONES.

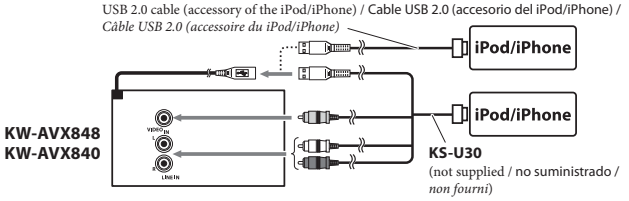
Vous pouvez connecter un amplificateur pour améliorer votre système autoradio.
- *Connectez le fil de commande à distance (bleu avec bande blanche) au fil de commande à distance de l'autre appareil de façon qu'il puisse être commandé via cet appareil.*
- **Déconnectez les enceintes de cet appareil et connectez-les à l'amplificateur. Laissez les fils d'enceintes de cet appareil inutilisés.**
- *Vous pouvez mettre hors service l'amplificateur intégré et envoyer les signaux audio uniquement sur un ou plusieurs amplificateurs extérieurs afin d'obtenir un son clair et d'éviter tout échauffement interne de l'autoradio. Voir page 44 du MANUEL D'INSTRUCTIONS.*



C Connecting the external components / Conectando los componentes externos / Connexion des appareils extérieurs



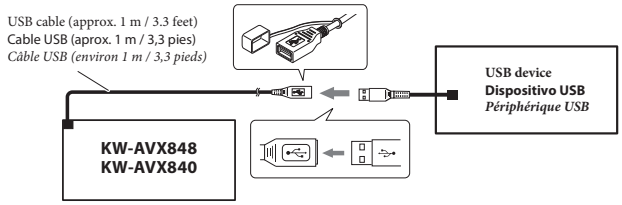
Connecting the iPod or the iPhone / Conexión del iPod o iPhone / Connexion d'un iPod ou d'un iPhone


USB 2.0 cable (accessory of the iPod/iPhone) / Cable USB 2.0 (accesorio del iPod/iPhone) / Câble USB 2.0 (accessoire du iPod/iPhone)
iPod/iPhone
iPod/iPhone
KW-AVX848
KW-AVX840
KS-U30
(not supplied / no suministrado / non fourni)

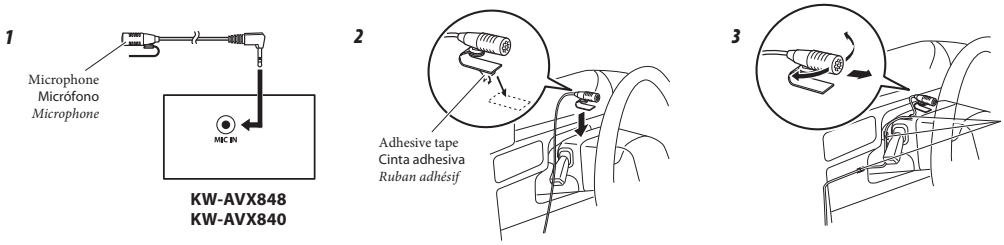
– To watch the video: USB Audio and Video cable for iPod/iPhone—KS-U30 (not supplied)*10
– To listen to the music: USB 2.0 cable (accessory of the iPod/iPhone)
– Para ver vídeo: Cable USB audio y video para iPod/iPhone—KS-U30 (no suministrado)*10
– Para escuchar la música: Cable USB 2.0 (accesorio del iPod/iPhone)
– *Pour regarder une séquence vidéo: Câble USB Audio et Vidéo pour iPod/iPhone—KS-U30 (non fourni)*10*
– *Pour écouter la musique: Câble USB 2.0 (accessoire du iPod/iPhone)*

- iPod is a trademark of Apple Inc., registered in the U.S. and other countries.
- iPhone is a trademark of Apple Inc.
- iPod es una marca comercial de Apple Inc., registrada en los EE.UU. y otros países.
- iPhone es una marca comercial de Apple Inc.
- *iPod est une marque de commerce d'Apple Inc., enregistrée aux États-Unis et dans les autres pays.*
- *iPhone est une marque de commerce de Apple Inc.*

USB devices / Dispositivos USB / Périphériques USB


USB cable (approx. 1 m / 3.3 feet)
Cable USB (aprox. 1 m / 3,3 pies)
Câble USB (environ 1 m / 3,3 pieds)
USB device
Dispositivo USB
Périphérique USB
KW-AVX848
KW-AVX840

D Connecting the microphone / Conexión de la unidad de micrófono / Connexion du microphone



Secure the microphone cord using cord cramps (not supplied) if necessary.
Si es necesario, asegure el cable del micrófono por medio de abrazaderas (no suministradas).
Fixez si nécessaire le cordon du microphone en utilisant des serre-fils (non fournis).

*6 Not supplied for this unit.
*7 Audio cord (not supplied for this unit).
*8 Firmly attach the ground wire to the metallic body or to the chassis of the car—to the place uncoated with paint (if coated with paint, remove the paint before attaching the wire). Failure to do so may cause damage to the unit.
*9 Video cord (not supplied for this unit).
*10 When using the cable, you need to change the setting on the unit (see page 28 of the INSTRUCTIONS).

*6 No suministrado con esta unidad.
*7 Cable de audio (no suministrado con esta unidad).
*8 Fije firmemente el cable de tierra a la carrocería metálica o al chasis—a un lugar no cubierto con pintura (si está cubierto con pintura, quítela antes de fijar el cable). De lo contrario, se podrían producir daños en la unidad.
*9 Cordón de video (no suministrado con esta unidad).
*10 Cuando utilice el cable, deberá cambiar el ajuste en la unidad (consulte la página 28 del MANUAL DE INSTRUCCIONES).

*6 *Non fourni avec cet appareil.*
*7 *Cordon audio (non fourni avec cet appareil).*
*8 *Attachez solidement le fil de mise à la masse au châssis métallique de la voiture—à un endroit qui n'est pas recouvert de peinture (s'il est recouvert de peinture, enlevez d'abord la peinture avant d'attacher le fil). L'appareil peut être endommagé si cela n'est pas fait correctement.*
*9 *Cordon vidéo (non fourni avec cet appareil).*
*10 *Lors de l'utilisation du câble, vous devez changer le réglage sur l'appareil (voir page 28 du MANUEL D'INSTRUCTIONS).*

E Connecting an external navigation unit / Conexión de una unidad de navegación exterior / Connexion d'une unité de navigation extérieure

Connect an external navigation unit to the RGB input terminal. The positional information detected on the touch panel and picture signals from the navigation unit are transferred through the terminal. Refer to the manual of the external navigation unit for details.

Conecte una unidad de navegación exterior al terminal de entrada RGB. La información posicional detectada en el panel táctil y las señales de imagen procedentes de la unidad de navegación se transfieren a través del terminal. Para obtener más detalles, consulte el manual de instrucciones de la unidad de navegación exterior.

Connectez un unité de navigation extérieure à la prise d'entrée RVB. L'information de position détectée sur le panneau tactile et les signaux de l'image de l'unité de navigation sont transférés par cette prise. Référez-vous au mode d'emploi de l'unité de navigation extérieure pour les détails.

- Please contact your dealer to inquire about compatible navigation units.
- JVC cannot guarantee proper operation of the external devices connected to the RGB input terminal.

- Consulte con su distribuidor para obtener información sobre las unidades de navegación compatibles.
- JVC no puede garantizar la correcta operación de los dispositivos externos conectados al terminal de entrada RGB.

- *Veuillez contacter votre revendeur pour connaître les unités de navigation compatibles.*
- *JVC ne peut pas garantir un fonctionnement correct des appareils extérieures connectés à la prise d'entrée RVB.*

F Connecting external components (Only for KW-AVX840) / Conexión de los componentes externos (Sólo para KW-AVX840) / Connexion d'appareils extérieurs (Uniquement pour le KW-AVX840)

When connecting the external components, refer also to the manuals supplied for the components and adapter.

CAUTION: Before connecting the external components, make sure that the unit is turned off.

You can connect the following JVC components to the expansion port.

JVC component	Model name
HD Radio™ tuner box	KT-HD300

You can connect the following components to the extension port using the appropriate JVC adapter.

- Connection cords may need to be purchased separately.

Component	Adapter	Model name
XMDirect™ Tuner Box	Smart Digital Adapter	XMDJVC100
XMDirect2 Tuner System	XM Satellite Radio System	CNP2000UCA and CNPJVC1
SIRIUS Satellite Radio	SIRIUS Satellite Radio System	SCC1 and KS-SRA100
		D&P, SCVDOC1 and KS-SRA100

- XM Radio and SIRIUS satellite radio cannot be used together.

Cuando conecte componentes externos, consulte, también, los manuales suministrados con los componentes y el adaptador.

PRECAUCIÓN: Antes de conectar los componentes externos, asegúrese de que la unidad esté apagada.

Puede conectar los siguientes componentes JVC al puerto de expansión.

Componente JVC	Nombre del modelo
Sintonizador HD Radio™	KT-HD300

Puede conectar los siguientes componentes al puerto de extensión utilizando el adaptador JVC apropiado.

- Puede ser necesario comprar los cables de conexión por separado.

Componente	Adaptador	Nombre del modelo
XMDirect™ Tuner Box	Adaptador digital inteligente	XMDJVC100
Sistema de sintonizador XMDirect2	Sistema de radio XM Satellite	CNP2000UCA y CNPJVC1
Radio por satélite SIRIUS	Sistema de radio satelital SIRIUS	SCC1 y KS-SRA100
		D&P, SCVDOC1 y KS-SRA100

- No puede utilizar juntas la radio XM y la radio satelital SIRIUS.

Lors de la connexion des appareils extérieurs, référez-vous aussi aux manuels fournis avec les appareils et les adaptateurs.

PRECAUTION: Avant de connecter les appareils extérieurs, assurez-vous que l'appareil est hors tension.

Vous pouvez connecter les appareils JVC suivants au port d'extension.

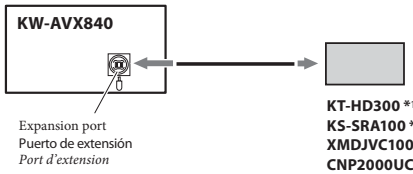
Appareil JVC	Nom du modèle
Tuner HD Radio™	*KT-HD300*

Vous pouvez connecter les appareils suivants au port d'extension en utilisant l'adaptateur JVC approprié.

- *Vous pouvez avoir besoin d'acheter certains cordons de connexion séparément.*

Appareil	Adaptateur	Nom du modèle
XMDirect™ Tuner Box	*Adaptateur numérique intelligent*	*XMDJVC100*
XMDirect2 Tuner System	*Système radio satellite XM*	*CNP2000UCA et CNPJVC1*
Radio satellite SIRIUS	*Système radio satellite SIRIUS*	*SCC1 et KS-SRA100*
		D&P, SCVDOC1 et KS-SRA100

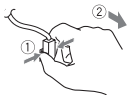
- *La radio XM et SIRIUS ne peuvent pas être utilisées en même temps.*



Ready to receive HD Radio broadcasts when connected to the KT-HD300, sold separately

To disconnect the connector / Para desconectar el conector / *Pour déconnecter le connecteur*

Grip the connector top tightly (①).
Sostenga el conector con firmeza (①).
Tenez fermement le haut de l'adaptateur (①).



Pull out (②).
Extráigalo (②).
Tirez (②).

*11 Not supplied for this unit.
*12 Power cannot be supplied to the component through the expansion port. You need to connect the power cord supplied for the component separately.
*13 This model is a component of SIRIUS Satellite Radio System.
*14 This model is a component of XM Satellite Radio System.

*11 No suministrado con esta unidad.
*12 La alimentación no se puede suministrar al componente a través del puerto de expansión. Es necesario conectar, aparte, el cable de alimentación suministrado con el componente.
*13 Este modelo es un componente del sistema de radio satelital SIRIUS.
*14 Este modelo es un componente del sistema de radio XM Satellite.

*11 *Non fourni avec cet appareil.*
*12 *L'alimentation ne peut pas être fournie à l'appareil par le port d'extension. Vous devez connecter séparément le cordon d'alimentation fourni pour l'appareil.*
*13 *Ce modèle est un composant du système radio satellite SIRIUS.*
*14 *Ce modèle est un composant du système radio satellite XM.*

TROUBLESHOOTING

- **The fuse blows.**
* Are the red and black leads connected correctly?
- **Power cannot be turned on.**
* Is the yellow lead connected?
- **No sound from the speakers.**
* Is the speaker output lead short-circuited?
- **Sound is distorted.**
* Is the speaker output lead grounded?
* Are the "–" terminals of L and R speakers grounded in common?
- **Noise interfere with sounds.**
* Is the rear ground terminal connected to the car's chassis using shorter and thicker cords?
- **This unit becomes hot.**
* Is the speaker output lead grounded?
* Are the "–" terminals of L and R speakers grounded in common?
- **This unit does not work at all.**
* Have you reset your unit?

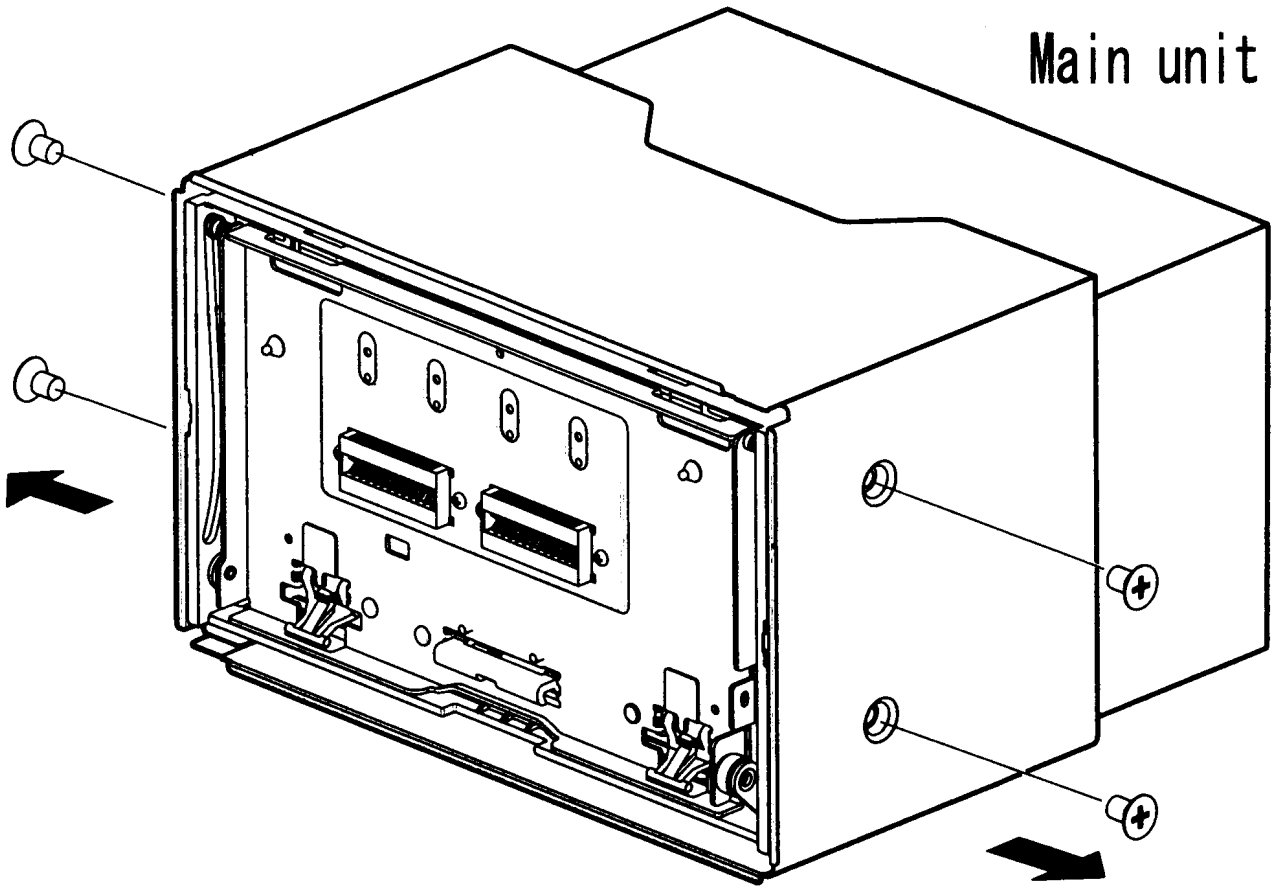
LOCALIZACIÓN DE AVERIAS

- **El fusible se quema.**
* ¿Están los conductores rojo y negro correctamente conectados?
- **No es posible conectar la alimentación.**
* ¿Está el cable amarillo conectado?
- **No sale sonido de los altavoces.**
* ¿Está el cable de salida del altavoz cortocircuitado?
- **El sonido presenta distorsión.**
* ¿Está el cable de salida del altavoz conectado a masa?
* ¿Están los terminales "–" de los altavoces L y R conectados a una masa común?
- **Perturbación de ruido.**
* ¿El terminal de tierra trasero está conectado al chasis del automóvil utilizando los cordones más corto y más grueso?
- **La unidad se calienta.**
* ¿Está el cable de salida del altavoz conectado a masa?
* ¿Están los terminales "–" de los altavoces L y R conectados a una masa común?
- **Este receptor no funciona en absoluto.**
* ¿Reinicializó el receptor?

EN CAS DE DIFFICULTES

- **Le fusible saute.**
* *Les fils rouge et noir sont-ils racordés correctement?*
- **L'appareil ne peut pas être mise sous tension.**
* *Le fil jaune est-elle raccordée?*
- **Pas de son des enceintes.**
* *Le fil de sortie d'enceinte est-il court-circuité?*
- **Le son est déformé.**
* *Le fil de sortie d'enceinte est-il à la masse?*
* *Les bornes "–" des enceintes gauche et droit sont-elles mises ensemble à la masse?*
- **Interférence avec les sons.**
* *La prise arrière de mise à la terre est-elle connectée au châssis de la voiture avec un cordon court et épais?*
- **L'appareil devient chaud.**
* *Le fil de sortie d'enceinte est-il à la masse?*
* *Les bornes "–" des enceintes gauche et droit sont-elles mises ensemble à la masse?*
- **Cet appareil ne fonctionne pas du tout.**
* *Avez-vous réinitialisé votre appareil?*

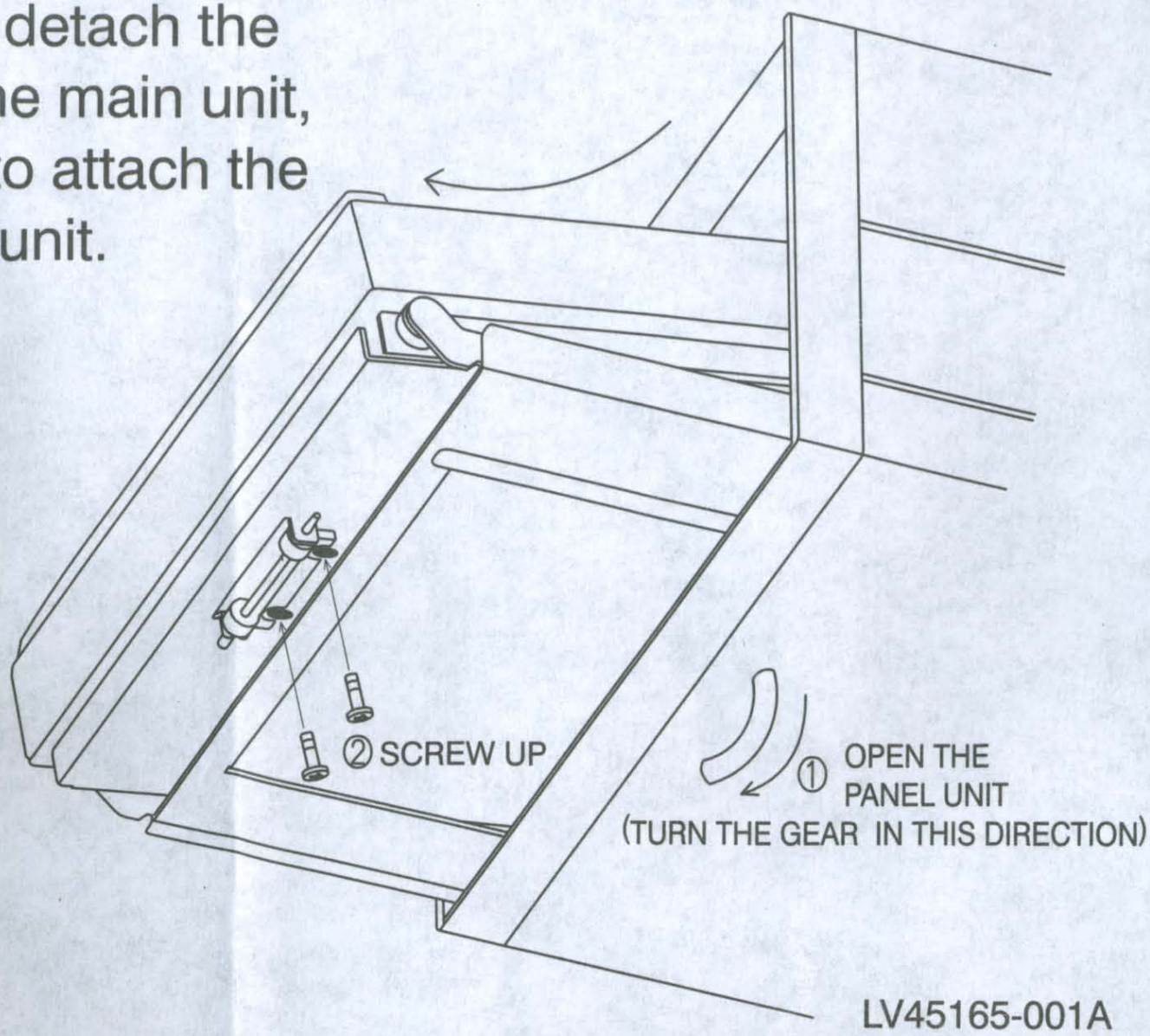
Before installation, remove the screw.



Attaching screws × 4 (M5 × 8mm)

LV44661-007A

When it is not required to detach the front control panel from the main unit, use the provided screws to attach the control panel to the main unit.



JVC

KS-UBT1

Bluetooth®

USB Bluetooth Adapter / Adaptador Bluetooth USB / Adaptateur USB Bluetooth / USB-Bluetooth-Adapter / Adattatore USB per Bluetooth / Adaptador USB de Bluetooth / USB Bluetooth adapter / USB Bluetooth-adapter / USB-Bluetooth-adapter / USB Bluetooth -sovitin / USB Bluetooth Adaptör / USB-адаптер Bluetooth / Προσαρμογέας Bluetooth USB / Adapter Bluetooth USB / USB Bluetooth adaptér / USB Bluetooth Adapter / Bluetooth-адаптер USB / Adaptor USB Bluetooth / USB Bluetooth адаптер / บลูทูธอะแด็ปเตอร์ USB / USB Bluetooth 어댑터 / USB 藍牙轉換器 / USB محول البلوتوث عبر / USB Bluetooth آداپتور / Adaptor Bluetooth USB

INSTRUCTIONS
MANUAL DE INSTRUCCIONES
MANUEL D'INSTRUCTIONS
BEDIENUNGSANLEITUNG
ISTRUZIONI
INSTRUÇÕES
GEBRUIKSAANWIJZING
BRUKSANVISNING
INSTRUKTIONSBOG
KÄYTTÖOHJE
TALİMATLAR
ИНСТРУКЦИИ ПО ЭКСПЛУАТАЦИИ
ΟΔΗΓΙΕΣ
INSTRUKCJA OBSŁUGI
PŘÍRUČKA K OBSLUZE
HASZNÁLATI UTASÍTÁSA
ІНСТРУКЦІЇ
INSTRUCȚIUNI
ИНСТРУКЦИИ
คำแนะนำ
사용 설명서
使用說明書
دليل التعليمات
دستور العمل ها
BUKU PETUNJUK

EN, SP, FR, GE, IT, PR, NL, SW, DA, FI, TR, RU, GR, PO, CZ, HU, UK, RO, BU, TH, KO, CT, AR, PE, IN

GET0617-001E
[K]

(For CANADA)
This device complies with RSS-210 of industry Canada Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme au règlement CNR-210 de l'industrie du Canada. L'utilisation de ce dispositif est autorisée seulement aux conditions suivantes: (1) il ne doit pas produire de brouillage et (2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

ICASA TA-2008/1187 APPROVED

NTC
Type Accepted
No.: ESD-CPE-0903971C

인증반호 : JVC-KSUBT1
방송통신위원회

해당 무선설비는 운용 중 전파혼신 가능성이 있음

회사의 신청 이름: (주)더 미토
기기의 명칭: 무선데이터통신 시스템용 무선기기
모델 이름: KS-UBT1
제조년도 및 월: 2009, February
신청인 아이디: JVC

해당 무선설비는 전파혼신 가능성이 있으므로, 인명안전과 관련된 서비스는 할 수 없습니다.

N835

Approved by TRA

MTC:OFICIO No 8396-2008-MTC/29

CONATEL certificate No: 001516

SUBTEL: 30234/DFRS00045/F-49

Complies with IDA Standards DB102150

"This telecommunication equipment conforms to NTC technical requirement"

13973/POSTEL/2010
2366

TEC/WR/I/MOD-08/02/135.APR 08

JVC

JVC Technical Services Europe GmbH • Postfach (P.O. Box) 10 05 04
• D-61145 Friedberg, Germany •

EC Declaration of Conformity
EG-Konformitätserklärung

Registration No.: 7139 D - 09001 CAR 037

Year of affixing 2010

Identification: *Bezeichnung:* JVC **KS-UBT1**

Description: *Beschreibung:* **USB Bluetooth Adapter**

Accessory: *Zubehör:*

Radio Equipment (Class 1)
Funkanlage (Klasse 1)

Intended Purpose: *Verwendungszweck:* Data transmission (built-in Bluetooth Module)
Funkübertragung von Datensignalen (eingebautes Bluetooth Modul)

The product to which this declaration relates to is in conformity with the essential protection requirements - as listed below - of the council directive 1999/5/EC on radio and telecommunication terminal equipment, if it used as intended.
Das Produkt, auf das sich diese Erklärung bezieht, stimmt mit den grundlegenden Anforderungen - wie unten genannt - der Richtlinie des Rates 1999/5/EG überein, wenn es bestimmungsmäßig verwendet wird.

Protection requirements regarding health and safety (Article 3 (1) a)):
Schutzanforderungen in Bezug auf die Gesundheit und Sicherheit (Artikel 3 (1) a)):

Harmonised Standards: *Harmonisierte Normen:* *For the Bluetooth Adapter: JVC, KS-UBT1*
EN 60950-1:2006 + A11:2009

For the radio transmitter module (health requirement):
EN 50371:2002

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Dieses Dokument darf nicht geändert oder ohne Autorisierung vervielfältigt werden.

JVC

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• D-61145 Friedberg, Germany •

Protection requirements regarding electromagnetical compatibility (Article 3 (1) b)):
Schutzanforderungen in Bezug auf die elektromagnetische Verträglichkeit (Artikel 3 (1) b)):

Harmonised Standards: *Harmonisierte Normen:* *For the Bluetooth Adapter: JVC, KS-UBT1*
EN 55022:2006 + A1:2007
EN 55024:1998 + A1:2001 + A2:2003
EN 61000-3-2:2006
EN 61000-3-3:1995 + A1:2001 + A2:2005

For the radio transmission:
EN 301 489-1 V1.8.1
EN 301 489-17 V2.1.1

Measures for the efficient use of the radio frequency spectrum (Article 3 (2) b)):
Maßnahmen zur effizienten Nutzung des Frequenzspektrums (Artikel 3 (2) b)):

Test Specification: *Prüfspezifikation:* EN 300 328 V1.7.1

The conformity to the specifications is confirmed by the notified body (identification no.: 0984) with the registration no.: AN09C10090
Die Übereinstimmung mit den Normen wird mit der Registrierung AN09C10090 der benannten Stelle mit der Kennnummer 0984 bestätigt.

This declaration is responsibly issued for the manufacturer:
Diese Erklärung wird verantwortlich für den Hersteller:

Victor Company of Japan, Ltd.
12, 3-chome, Moriya-cho, Kanagawa-ku
Yokohama (Kanagawa) 221-8528, Japan

issued by: *abgegeben durch:* Oliver Beck, Deputy Dept. Manager of JVC Technical Services Europe GmbH

Friedberg, 2010/08/23
Place, Date *Ort, Datum* (YYYY/MM/DD)

legal valid signature
rechtsgültige Unterschrift

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Declaration of Conformity with regard to the R&TTE Directive 1999/5/EC

CE0984

English:
Hereby, JVC, declares that this KS-UBT1 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Deutsch:
Hiermit erklärt JVC, dass sich das Gerät KS-UBT1 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Hiermit erklärt JVC die Übereinstimmung des Gerätes KS-UBT1 mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 1999/5/EG befindet. (Wien)

Français:
Par la présente JVC déclare que l'appareil KS-UBT1 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Nederlands:
.Hierbij verklaart JVC dat het toestel KS-UBT1 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

Dansk:
Undertegnede JVC erklærer herved, at følgende udstyr KS-UBT1 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF

Español:
Por medio de la presente JVC declara que el KS-UBT1 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE

Ελληνική:
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ JVC ΔΗΛΩΝΕΙ ΟΤΙ KS-UBT1 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Italiano:
Con la presente JVC dichiara che questo KS-UBT1 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Malti:
Hawnhekk, JVC, jiddikjara li dan KS-UBT1 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.

Português:
JVC declara que este KS-UBT1 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Suomi:
JVC vakuuttaa täten että KS-UBT1 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Svenska:
Härmed intygar JVC att denna KS-UBT1 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Íslenska:
Hér með lýsir JVC yfir því að KS-UBT1 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.

Norsk:
JVC erklærer herved at utstyret KS-UBT1 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

Cesky:
JVC tímto prohlašuje, že tento KS-UBT1 je ve shode se základními požadavky a dalšími príslušnými ustanoveními smernice 1999/5/ES.

Eesti:
Käesolevaga kinnitab JVC seadme KS-UBT1 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

Latviski:
Ar šo JVC deklare, ka KS-UBT1 atbilst Direktivas 1999/5/EK butiskajam prasibam un citiem ar to saistitajiem noteikumiem.

Lietuviu:
Šiuo JVC deklaruoja, kad šis KS-UBT1 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

Magyar:
Alulírott, JVC nyilatkozom, hogy a KS-UBT1 megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.

Polski:
Niniejszym JVC oświadcza, że KS-UBT1 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.

Slovensko:
JVC izjavlja, da je ta KS-UBT1 v skladu z bistvenimi zahtevami in ostalimi relevantnimi dolocili direktive 1999/5/ES.

Slovensky:
JVC týmto vyhlasuje, že KS-UBT1 splna základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

Română:
Prin aceasta, JVC, declară că acest KS-UBT1 este în conformitate cu prevederile generale şi cu alte norme ale Directivei 1999/5/EC.

Български:
С настоящото JVC декларира, че изделието KS-UBT1 съответства на основните изисквания, както и на други приложими клаузи на Директива 1999/5/EC.

INFORMATION (For U.S.A.)
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

Caution:
Changes or modifications not approved by JVC could void the user's authority to operate the equipment.

Products

Battery

Information for Users on Disposal of Old Equipment and Batteries
[European Union only]
These symbols indicate that the product and the battery with this symbol should not be disposed as general household waste at its end-of-life.
If you wish to dispose of this product and the battery, please do so in accordance with applicable national legislation or other rules in your country and municipality.
By disposing of this product correctly, you will help to conserve natural resources and will help prevent potential negative effects on the environment and human health.

Notice:
The sign Pb below the symbol for batteries indicates that this battery contains lead.

- The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Victor Company of Japan, Limited (JVC) is under license. Other trademarks and trade names are those of their respective owners.
- This adapter has been designed exclusively for use with JVC's car receivers. Do not use this adapter with any other car receiver.
  For details, see also the Instructions supplied with your receiver.

Dear Customer,
This apparatus is in conformance with the valid European directives and standards regarding electromagnetic compatibility and electrical safety.
European representative of Victor Company of Japan, Limited is:
JVC Technical Services Europe GmbH
Postfach 10 05 04
61145 Friedberg
Germany

INFORMATION (For U.S.A.)
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the manufacturer for compliance could void the user's authority to operate the equipment.

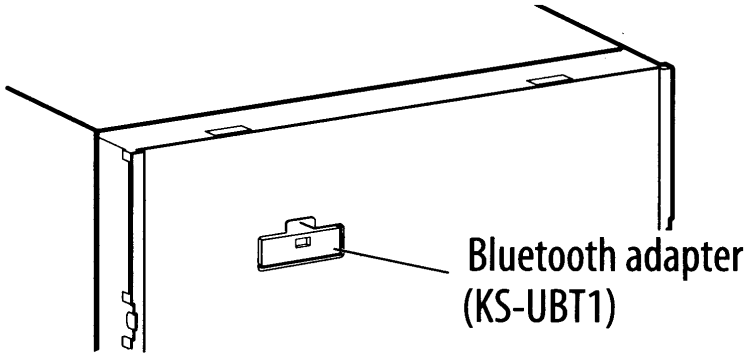
SPECIFICATIONS

1. Bluetooth Version: Bluetooth 2.0 certified
2. Power Class: Class2 Radio
3. Service Area: 10 m (10.9 yd)
4. USB Standards: USB V1.1 (Full Speed)

Power Consumption: 54.3 mA/5 V (max.)
Dimensions (L × W × H):
15 mm × 19 mm × 5.6 mm
(5/8" × 3/4" × 1/4")

⚠ CAUTION

The Bluetooth adapter (KS-UBT1) is inserted in the unit when shipped from the factory. When you remove the Bluetooth adapter (KS-UBT1) from the unit, store it in this bag. For removing the Bluetooth adapter (KS-UBT1), refer to the Instructions.



REMOVE THIS LABEL FROM CABLE BEFORE USE.
RETIRE LA ETIQUETA DEL CABLE ELÉCTRICO ANTES DE USAR.
RETIREZ CETTE ÉTIQUETTE DU CÂBLE AVANT UTILISATION.

⚠ CAUTION

CONNECT BLACK WIRE (① GND) TO GROUND FIRST. OTHERWISE, DAMAGE TO YOUR UNIT MAY OCCUR.

INCORRECT CONNECTION CAUSES SERIOUS DAMAGE TO THIS UNIT
PLEASE READ INSTALLATION/CONNECTION MANUAL CAREFULLY.

① CONNECT GROUND FIRST

METALLIC BODY OR CHASSIS OF THE CAR

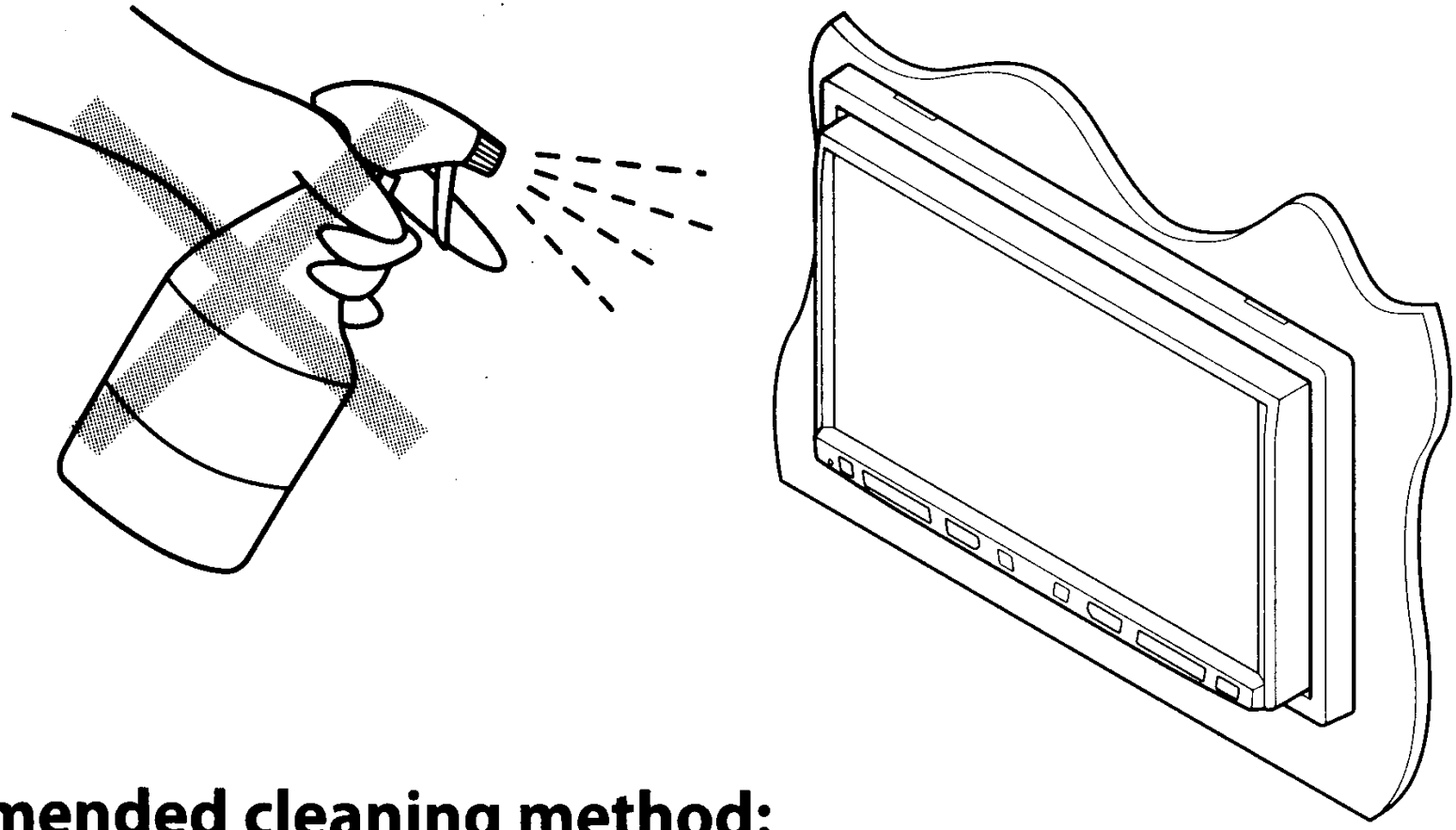
② CONNECT OTHER WIRES

③ CONNECT ANTENNA TERMINAL

④ CONNECT POWER CORD TO THE UNIT

Caution on cleaning the unit

Do not use any solvent (for example, thinner, benzine, etc.), detergent, or insecticide. This may damage the monitor or the unit.



Recommended cleaning method:

Gently wipe the panel with a soft, dry cloth.

LVT1970-001A

Please do not send products or other correspondence to this address.

JVC AMERICAS CORP.
1700 Valley Road
Wayne, NJ 07470

PLEASE PLACE STAMP HERE

JVC®

PO BOX 1189
BEDFORD, TX 76095-1189

PRODUCT REGISTRATION CARD / QUESTIONNAIRE

USA CUSTOMERS ONLY

Registering your product will allow us to contact you in the unlikely event a product safety notification is required.

This form is for Product Registration purposes only. Failure to return this form does not diminish your rights during the warranty period.

THANK YOU FOR PURCHASING THIS JVC PRODUCT

REGISTER ONLINE AT: *REGISTER.JVC.COM*

JVC®

Register online at REGISTER.JVC.COM
and receive a special offer!

PRODUCT REGISTRATION

First Name: _____

Last Name: _____

Address: _____

Apt.# _____

City: _____

State: _____

Zip Code: _____

Phone Number: _____

E-Mail Address: _____

1) Would you like to receive the JVC Community e-mail newsletter? Yes No

2) Would you like to receive special offers from JVC? Yes No

3) Have you purchased an extended warranty for this product? Yes No

Date of Purchase _____

Model Number: _____

Serial Number: _____

Purchase Price: _____

Dealer: _____

On a scale of 1 to 5, with 5 being the best, please rate each of the following attributes about your new JVC product.

Performance	1	2	3	4	5
Features	1	2	3	4	5
Ease of use	1	2	3	4	5
Design	1	2	3	4	5
Value	1	2	3	4	5

COMMENTS:

_____

_____

_____

Thank You
for completing
this questionnare.

BT-51044-1
(0208)

Instructions: Fold at crease and tape open edge in the middle.

Printed in Indonesia

CANADA ONLY

JVC

CANADA SEULEMENT

OWNER'S COPY OF WARRANTY CARD
COPIE D'ENREGISTREMENT DE LA GARANTIE DU PROPRIÉTAIRE

(Save sales docket together with this warranty card, as a proof of date of purchase.
La facture et cette garantie sont vos preuves de la date d'achat; rangez-les.)

MODEL / MODÈLE ..... SERIAL NO. / NO DE SÉRIE .....

Purchase from / Acheté chez ..... Date purchased / Date acheté .....

Dealer's Address / Adresse du Vendeur .....

No. / No Street / Rue

.....

City or Town / Ville Prov. / Prov. Postal Code / Code Postal

Owner's Name / Nom du Proprietaire .....

Owner's Address / Adresse du Proprietaire .....

No. / No Street / Rue Apt. / App.

.....

City or Town / Ville Prov. / Prov. Postal Code / Code Postal

BT-52008-1
(1007)

Printed in Indonesia

Detach here. à découper ici

WARRANTY CONTROL CARD
CARTE DE CONTRÔLE DE LA GARANTIE

IMPORTANT: This warranty control card must be filled in and posted to the address indicated on the back hereof or register via internet within 7 (seven) days from the date of purchase.
IMPORTANT: Cette carte doit être renvoyée dûment remplie à l'adresse indiquée au verso, dans les 7 jours de la date d'achat ou aller sur le site par internet pour l'enregistrement.

(PLEASE PRINT/EN LETTRES MOULÉES)

MODEL / MODÈLE ..... SERIAL NO. / NO DE SÉRIE .....

Purchased from / Acheté chez ..... Date purchased / Date acheté .....

Dealer's Address / Adresse du Vendeur .....

No. / No Street / Rue

.....

City or Town / Ville Prov. / Prov. Postal Code / Code Postal

Owner's Name / Nom du Proprietaire .....

Owner's Address / Adresse du Proprietaire .....

No. / No Street / Rue Apt. / App.

.....

City or Town / Ville Prov. / Prov. Postal Code / Code Postal

You may also register on-line at:www.jvc.ca

Vous pouvez également vous inscrire par internet à:www.jvc.ca

WARRANTY APPLIES ONLY TO PRODUCT DISTRIBUTED IN CANADA BY JVC CANADA INC.

LA GARANTIE S'APPLIQUE SEULEMENT AUX PRODUITS DISTRIBUES AU CANADA PAR JVC CANADA INC.

Warranty applies only to PRODUCT distributed in Canada by JVC Canada Inc.

JVC

La garantie s'applique seulement aux PRODUITS distribués au Canada par JVC Canada Inc.

WARRANTY
GARANTIE

JVC CANADA INC.
21 Finchdene Square, Toronto, ON M1X 1A7
TEL: (416) 293-1311 FAX: (416) 293-8208
http://www.jvc.ca

JVC CANADA INC. (hereafter called "JVC") gives the following express warranty for each new JVC product distributed in Canada by JVC and sold by an authorized JVC dealer.
JVC warrants that this JVC product is free, under normal use and maintenance, from any defects in material and workmanship subject to the following terms and conditions:

1. To Obtain Warranty Service:
   (a) The JVC Warranty Control Card herein provided must be completed in full and posted or registered via internet within 7 days of date of purchase of the JVC product.
   (b) This JVC Warranty Control Card must be completed in full and presented together with proof of purchase of the JVC product requiring service.
   (c) The JVC product must be brought in for service to an authorized JVC Service Centre.

2. Limitation:
   This Warranty shall not apply to:
   (a) Repair or replacement of any cabinets, batteries, plates, connection cords, antennas, dust covers, knobs, speaker grills, speaker cones, projection screens, projection screen savers, and all accessories.
   (b) Any defects caused or repairs required as a result of misuse, abusive operation, negligence, improper use and/or insufficient care.
   (c) Any defect caused or repairs required as a result of not following the instructions in the operation manual.
   (d) Any JVC product tampered with, adjusted or repaired by any party other than JVC or authorized JVC Service Centre personnel.

JVC CANADA INC. (ci-après appelé "JVC") énonce la garantie expresse suivante pour tout nouveau produit JVC distribué au Canada par JVC et vendu par un détaillant JVC autorisé.
JVC vous garantit que ce produit est dégagé, sous utilisation et entretien normal, de tout défaut matériel et de fabrication sous réserve des modalités et conditions suivantes :

1. Pour obtenir un service de garantie :
   (a) La carte de contrôle de garantie JVC ci-incluse doit être complétée avec les renseignements complets et être postée ou enregistrée via internet dans les 7 jours suivant l'achat du produit JVC.
   (b) Cette carte de contrôle de garantie JVC doit être dûment remplie et être présentée avec la preuve d'achat du produit JVC nécessitant une réparation.
   (c) Le produit JVC doit être apporté pour service chez un centre de service JVC autorisé.

2. Restrictions:
   Cette garantie ne s'applique pas aux :
   (a) Réparation ou remplacement de tout cabinet, batteries, panneau avant, cordons de raccord, antennes, housses de protection, boutons, couverts de haut-parleur, cônes de haut-parleur, écrans de projection, protecteurs d'écran de projection et tous les accessoires.
   (b) Tous défauts occasionnés ou réparations requises suite à une utilisation abusive, mauvaise, négligente et/ou une utilisation incorrecte.
   (c) Tous défauts occasionnés ou réparations requises suite à l'omission de suivre les recommandations du manuel d'instruction.
   (d) Tout produit JVC altéré, ajusté ou réparé par tout autre entreprise que JVC ou un centre de service d'entretien ou de service autorisé JVC.

(e) Any JVC products on which the serial num-ber has been defaced, modified or removed.
(f) Maintenance, cleaning or periodic check-up
(g) Conversion to foreign or domestic voltage or frequency.
(h) Any JVC product without the Canadian Electrical Safety Regulations ID.
(i) Any JVC products used for commercial or institutional, rental, or display purposes.
Parts.....1 year (except video head - 90 days)
Labour... 90 days
(j) Any JVC product which has been resold and no longer owned by the original purchaser.
(k) Product purchased from "outside Canada", "bankruptcy" or "liquidator".

(e) Tout produit JVC dont le numéro de série a été altéré, modifié ou enlevé.
(f) L'entretien, les vérifications périodiques et nettoyage.
(g) La conversion à une fréquence ou une tension étrangère ou domestique.
(h) Tout produit JVC n'ayant pas le sigle d'identification conforme aux normes électriques Canadiennes (CSA).
(i) Pour tout produit utilisé à des fins commerciales, institutionnelles, de location ou utilisé à des fins d'étalage.
Pièces..... 1 An (Excepté les têtes vidéo- 90 jours)
Main d'œuvre... 90 Jours
(j) Tout produit JVC ayant été revendu et qui n'est plus la propriété de l'acheteur original.
(k) Produit acheté à "l'extérieur du Canada", provenant d'une "faillite" ou d'un "liquidateur".

WARRANTY TERM (VALID FROM THE DATE OF PURCHASE)
CONDITIONS DE GARANTIE (VALABLE à PARTIR DE LA DATE D'ACHAT)

PRODUCT PRODUIT	PARTS (Years) PIECES (années)	Labour (Years) MAIN-D'OEUVER (années)
Projection TV In-Home Service Colour TV In-Home (25" and above) D-ILA Rear Projection In-Home Service LCD TV In-Home Service (25" and above) Écrans de projection Service à Domicile Écrans de TV Couleur Service à Domicile (25" et plus) TV projection arrière D-ILA Service à Domicile Écrans de LCD Service à Domicile (25" et plus)	1	1
* In-home service to be provided where available Where it is not available, the Purchaser must assume the responsibility and expense for the proper packing, shipment and all costs associated with the delivery of the equipment to and from the closest JVC Authorized Service Centre. * Service à domicile fourni par un détaillant disponible. S'il n'y a pas de service JVC disponible à proximité, l'acheteur doit assumer la responsabilité et les coûts pour un emballage adéquat, l'expédition, ainsi que tous les coûts associés à la livraison de l'équipement chez et depuis le détaillant JVC autorisé le plus près pour un service d'entretien.		
Receivers and Home Speakers purchased separately, Front Projection and Car Audio "ARSENAL" Series Récepteurs et Hauts-Parleurs achetés séparément, Projecteur Avant et Audio d'Auto de Série « ARSENAL »	2	2
AC Adapters, Remote Controls, Headphones, Microphones and Projector Lamps Adaptateurs AC, Télécommande, Casque D'écoute, Microphones et Lampe de Projecteur	90 DAYS 90 JOURS	90 DAYS 90 JOURS
Wood Cone Speakers Enceinte à Cône en Bois	5	5
All Other Categories Toutes les autres catégories	1	1

(l) Any defects caused by fire, flood, lightning, power surge, or other events beyond the control of JVC.
(m) FOR AUTO PRODUCTS
Warranty does not cover elimination of car static or electrical interferences, cleaning of head, adjustments, or labour cost for the removal or reinstallation of the unit for repair.

3. Standards:
If any defects should be found in a JVC product within the applicable terms, necessary repairs shall be made at no cost to the purchaser for parts or labour when JVC acknowledges that such defects are due to faulty material or workmanship.

4. Exclusion of All Other Express Warranties:
This warranty constitutes the entire express warranty given by JVC for JVC products and no dealer or service centre personnel or his, its or their agent or employee is, or are authorized to extend or enlarge this warranty on behalf of JVC.

5. Disclaimer of Consequential Damage:
To the extent the law permits JVC disclaims any responsibility for loss of time or use of its product, transportation costs, or any other indirect, incidental or consequential damage or inconvenience.

New

And mail to the address below.
You may also register on-line at:www.jvc.ca

(l) Tout dommage causé par le feu, une inondation, un éclair, une surtension ou tout autre évènement hors du contrôle de JVC.
(m) POUR LES PRODUITS D'AUTOMOBILE
La garantie ne couvre pas l'élimination d'interférences statiques ou électriques de la voiture, le nettoyage de tête, les ajustements et les coûts de main d'œuvre associés à l'enlèvement ou à la réinstallation de l'unité pour réparation.

3. Critères:
Si un produit JVC s'avérait défectueux, selon les conditions applicables, les réparations nécessaires seront effectués sans coûts additionnels à l'acheteur pour les pièces et la main d'œuvre lorsque JVC reconnaît que de telles défectuosités sont causées par une défectuosité de matériel ou de fabrication.

4. Exclusion de toutes autres garanties expresses :
Cette garantie constitue l'entière garantie express donnée par JVC pour les produits JVC. Nul représentant ou employé d'un détaillant ou d'un service d'entretien n'est autorisé à prolonger cette garantie au nom de JVC.

5. Dénégation des dommages indirects :
Dans la mesure permise par la loi, JVC nie toute responsabilité pour perte de temps ou d'usage de ses produits, des coûts de transport ou tout autre dommage ou inconvénient indirect, accidentel et conséquent.

Nouveau

Veuillez poster à l'adresse ci-dessous.
Vous pouvez également vous enregistrer par internet à; www.jvc.ca

Detach here. à découper ici

Place stamp here

Placez votre timbre ici

JVC CANADA INC.

21 Finchdene Square
Toronto, ON M1X 1A7

TO OUR VALUED CUSTOMER

THANK YOU FOR PURCHASING THIS JVC PRODUCT.

WE WANT TO HELP YOU ACHIEVE A PERFECT EXPERIENCE.

NEED HELP ON HOW TO HOOK UP?
NEED ASSISTANCE ON HOW TO OPERATE?
NEED TO LOCATE A JVC SERVICE CENTER?
LIKE TO PURCHASE ACCESSORIES?

JVC® IS HERE TO HELP!

TOLL FREE: 1(800)252-5722

http://www.jvc.com

Remember to retain your Bill of Sale for Warranty Service.

Do not attempt to service the product yourself

Caution

To prevent electrical shock, do not open the cabinet.
There are no user serviceable parts inside.
Please refer to qualified service personnel for repairs.

BT-51018-6
(1008)

Printed in Indonesia

JVC®

LIMITED WARRANTY

1-1 USA ONLY

ONLY FOR PRODUCT PURCHASED IN U.S.A.

JVC Americas Corp. (JVC) warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL RETAIL PURCHASER to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original purchase for the period shown below. ("The Warranty Period")

PARTS	LABOR
1 YR	1 YR

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN THE COMMONWEALTH OF PUERTO RICO.

WHAT WE WILL DO:

If this product is found to be defective within the warranty period, JVC will repair or replace defective parts with new or rebuilt equivalents at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of the Warranty Period. All products may be brought to a JVC authorized service center on a carry-in basis. Color televisions with a screen size of 37"class or greater qualify for in-home service. In such cases, a technician will come to your home and either repair the TV there or remove and return it if it cannot be repaired in your home.

WHAT YOU MUST DO FOR WARRANTY SERVICE:

Please do not return your product to the retailer

Instead, return your product to the JVC authorized service center nearest you. If shipping the product to the service center, please be sure to package it carefully, preferably in the original packaging, and include a brief description of the problem(s). Please call 1-800-252-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website http://www.jvc.com. If your product qualifies for in-home service, the service representative will require clear access to the product.

If you have any questions concerning your JVC Product, please contact our Customer Care Center at 800-252-5722

WHAT IS NOT COVERED:

This limited warranty provided by JVC does not cover:

1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
2. Initial installation, installation and removal from cabinets or mounting systems.
3. Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
4. Damage that occurs in shipment, due to act of God, and cosmetic damage;
5. Signal reception problems and failures due to line power surge;
6. User Removal Memory Devices/Video Pick-up Tubes/CCD Image Sensors are covered for 90 days from the date of purchase;
7. Accessories;
8. Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase);
9. Products used for commercial purposes, including, but not limited to rental.
10. Loss of data resultant from malfunction of hard drive or other data storage device;

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR ANY LOSS OF USE OF THE PRODUCT, INCONVENIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long an implied warranty lasts, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

JVC AMERICAS CORP.
1700 Valley Road, Wayne, New Jersey 07470
http://www.jvc.com

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY, THIS WARRANTY DOES NOT APPLY. FOR DETAIL OF REFURBISHED PRODUCT WARRANTY, PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

For customer use:

Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No. : _____ Serial No. : _____

Purchase date : _____ Name of dealer : _____